

# Defense Special Weapons Agency Alexandria, VA 22310-3398



**DNA-TR-95-100** 

Johnston Atoll Plutonium Contaminated Soil Cleanup Project 3rd Quarterly Report 7 Feb 94—30 Apr 94

Richard W. Doane Robert H. Grant THERMO NUTECH (Formerly TMA/Eberline) 601 Scarboro Road Oak Ridge, TN 37830

November 1996

19961125 089

**Technical Report** 

CONTRACT No. DNA 001-93-C-0148

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# REPORT DOCUMENTATION PAGE

Form Approved
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Public reporting burden for this collection of information is estimated to average 1 hour per response including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarders Services Directorate for information Operations and Reports, 1215 Jefferson Descriptions of the Collection of

Davis Highway, Suite 1204, Arlington, VA 22202-43	educing this burden, to washington Headquarters IO2, and to the Office of Management and Budget	Paperwork Reduction Project (07	on Operations and Reports, 1215 Jefferson (04-0188) Washington, DC 20503
1. AGENCY USE ONLY (Leave blank)	2. REPORT DATE		PE AND DATES COVERED
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4. TITLE AND SUBTITLE	A Comment of the Comm		5. FUNDING NUMBERS
Johnston Atoll Plutonium Contamina	ted Soil Cleanup Project		C - DNA 001-93-C-0148
3rd Quarterly Report			PE - 62715H
7 Feb 94—30 Apr 94			PR - OJ
6. AUTHOR(S)			TA - OE
			WU - DH347900
Richard W. Doane and Robert	t H. Grant		VVO - Brio-17000
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7. PERFORMING ORGANIZATION NAME		3	3. PERFORMING ORGANIZATION REPORT NUMBER
THERMO NUTECH (Formerly	I MA/Eberline)		REFORT NOWIBER
601 Scarboro Road			
Oak Ridge, TN 37830			
9. SPONSORING/MONITORING AGENCY	` '	1	10. SPONSORING/MONITORING
Defense Special Weapons Ag	ency		AGENCY REPORT NUMBER
6801 Telegraph Road			DNA-TR-95-100
Alexandria, VA 22310-3398			DIV. 11. 00 100
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11. SUPPLEMENTARY NOTES			
This work was sponsored by t	he Defense Special Weapo	ns Agency under F	RDT&E RMC Code B1340D
OJ OE 33479 6420A 25904D.			
12a. DISTRIBUTION/AVAILABILITY STAT	EMENT		12b. DISTRIBUTION CODE
Approved for public release; d	istribution is unlimited.		
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13. ABSTRACT (Maximum 200	words)		

TMA/Eberline is the prime contractor for the Defense Nuclear Agency (DNA), responsible for the operation and maintenance of the Johnston Atoll Plutonium Contaminated Soil Cleanup Project. During this production period, the Scope of Work included movement of soil to and from the plant, processing contaminated soil through the Segmented Gate System (SGS) and Soil Washing System, packaging of waste soil for shipment, identification and implementation of process improvements, data collection and validation, and compliance with all applicable regulations governing environmental safety and health. The SGS utilizes arrays of sensitive radiation detectors coupled with sophisticated computer software to segregate contaminated soil from a moving feed supply on conveyor belts. Contaminated soil is diverted to a "hot" path for plutonium particles greater than 5000 Becquerels or to a supplemental soil washing process designed to remove dispersed low level contamination from a soil faction consisting of very small particles. Low to intermediate levels of contamination are removed from the soil to meet DNA's criteria for unrestricted use of less than 500 Becquerels per kilogram of soil, with no "hot" particles. The low level concentrate is expected to be packaged for shipment to an approved defense waste disposal site.

14. SUBJECT TERMS Plutonium Waste			15. NUMBER OF PAGES 416
Radwaste Minimization Transuranic Remediation Radioactive Waste Management Radiological Remediation Technology		16. PRICE CODE	
17. SECURITY CLASSIFICATION OF REPORT	18. SECURITY CLASSIFICATION OF THIS PAGE	19. SECURITY CLASSIFICATION OF ABSTRACT	20. LIMITATION OF ABSTRACT
UNCLASSIFIED	UNCLASSIFIED	UNCLASSIFIED	SAR

NSN 7540-280-5500

UNCLASSIFIED SECURITY CLASSIFICAT	) TION OF THIS PAGE
CLASSIFIED BY:	
	N/A since Unclassified.
DECLASSIFY ON:	
	N/A since Unclassified.

#### SUMMARY

The Johnston Atoll Plutonium Soil Cleanup Project (JAPCSCP) is a partnership between the Defense Nuclear Agency (DNA) and Thermo Analytical Inc. (TMA), whose goal is the environmental restoration of a 24 acre area of Johnston Atoll. This area was contaminated with Plutonium during atmospheric nuclear testing in 1962. The project utilizes a combination of innovative radiation measurement technology and proven mining processes to identify and segregate Plutonium particles dispersed in coral sand. This project will benefit island residents and the environment by removing a radioactive hazard and by restoring valuable land to beneficial use.

TMA has operated the JAPCSCP under a prime contract to DNA since 06 August 1993. This contract calls for the processing of 100,000 metric tons of radioactively contaminated soil. This report summarizes JAPCSCP production, plant modifications and maintenance activities for the third quarter of the contract period.

The third quarter of the contract consisted of the period from 07 February 1994 until 30 April 1994. During this period, a total of 10,154 metric tons of soil were processed. Authorized delays for the quarter totaled 1,611 sorter hours, or 402.75 regular hours, resulting in an adjusted production quota of 10,051 metric tons for this reporting period. The 103 metric tons in excess of quota processed this quarter brings the project to a total of 1,320 metric tons ahead of schedule.

# CONVERSION TABLE

Conversion factors for U.S. Customary to metric (SI) units of measurement.

MULTIPLY -----> BY -----> TO OBTAIN TO OBTAIN <----- BY <----- DIVIDE

cm	3.2808 E -2	ft
$m^2$	3.861 E -7	sq mile
Cm³	1.602 E -2	ft³/lb
g/cm³	62.43	lb/ft³
foot	3.048 000 X E -1	meter (m)
inch	2.540 000 X E -2	meter (m)
micron	1.000 000 X E -6	meter (m)
mil	2.540 000 X E -5	meter (m)
mile (international)	1.609 344 X E +3	meter (m)
liters/min	15.851	gal/hr
ounce	2.834 952 X E -2	kilogram (kg)
curie	3.700 000 X E 1	*giga Becquerel (GBq)
curies	3.7 E 10	dis/sec
curies	2.22 E 12	dis/min
curies	E 12	picocuries
Becquerel	2.703 E -11	curies
Becquerel	27.03	picocuries
rad (radiation dose absorbed)	1.000 000 X E -2	*Gray (Gy)

<sup>\*</sup>The Gray (GY) is the SI unit of absorbed radiation.

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# SECTION 1 INTRODUCTION

## 1.1 GENERAL.

The third quarterly report covers the period of 07 February 1994 to 30 April 1994. The report summarizes soil processing operations during the quarter and outlines major plant modifications and maintenance performed during the period.

#### 1.2 SCOPE.

TMA is the prime contractor responsible for the operation and maintenance of the Johnston Atoll Plutonium Soil Cleanup Plant. Work scope for this project includes movement of soil to and from the plant, processing of contaminated soil through the Segmented Gate Sorter System (SGSS) and the Soil Wash System, packaging of waste soil for shipment, identification and implementation of process improvements, data collection and validation, compliance with all applicable regulations governing environmental safety and health, and preparation of documents and written reports for submittal to DNA.

#### 1.3 OBJECTIVES.

The principal TMA objective is to process contaminated soil at the JAPCSCP in a manner that ensures the production quota is met and the best possible volume reduction is achieved. Other objectives of the project include continuously upgrading plant performance and insuring compliance with all applicable federal regulations.

## 1.4 PROJECT STAFF.

TMA is the prime contractor to DNA for operation and maintenance of the JAPCSCP. Permanently assigned project staff consists of the following positions:

PROJECT MANAGER
SITE MANAGER
QUALITY ASSURANCE/QUALITY CONTROL TECHNICIAN
HEALTH PHYSICS TECHNICIAN (2)

PLANT SUPERVISOR
PLANT ELECTRICIAN
TECHNICAL ASSISTANT
PLANT TECHNICIANS (4)

# 1.4.1 Personnel Assigned During This Period.

## ASSIGNED

BROWN, M.

LAW, D.

CORDOVA, J.

LONG, D.

CORDOVA, L.

MONTANO, R.

DELOVATO, A.

PARKER, S.

DOANE, R.

RICHARDSON, J.

GRANT, R.

WOODS, J.

HELLIER, C.

Other personnel or subcontractor personnel may be assigned periodically on a temporary basis.

# 1.4.2 Project Management.

Project management and contract administration is provided by TMA, Oak Ridge. On site supervision and soil processing operations are conducted by the Site Manager.

# SECTION 2 PROJECT SCOPE

# 2.1 STATEMENT OF WORK.

DNA Contract No. DNA 001-93-C-0148, Attachment 1, Statement of Work for Plutonium Contaminated Soil Cleanup Plant Operation, 24 March 1993, contains the scope, background, and objectives of the Statement of Work. Applicable documents, requirements (tasks), plant operations maintenance, waste disposal, plant decommissioning, safety and health, and engineering drawings are topics listed in the Statement of Work.

## 2.2 GOVERNMENT FURNISHED SERVICES.

DNA Contract No. DNA 001-93-C-0148, Attachment 2, Government Furnished Services contains all equipment, material, and services the Government will provide to the Contractor to operate and maintain the soil cleanup plant.

## 2.3 MODIFICATION TO STATEMENT OF WORK.

There were no modifications to the Statement of Work during this quarter.

# SECTION 3 PROJECT MANAGEMENT

## 3.1 TMA PROJECT MANAGEMENT.

Project Manager - R. W. Doane Contracting Officer - D. M. Robie

## 3.2 DEFENSE NUCLEAR AGENCY.

Contracting Officer - Mr. D. Gonzales

Assistant CO \_ Ms. C. Kofa

Project Manager \_ MAJ J. Kimbrell

Project Engineer \_ MAJ M. Bower

Project NCOIC \_ SFC D. Richter

# 3.3 TMA PERSONNEL ON-SITE.

Site Manager - R. Grant
Plant Supervisor - J. Richardson
QA/QC - M. Brown
Technical Assistant - A. DeLovato
Health Physics Tech - J. Woods
Health Physics Tech - S. Parker
Electrician - J. Cordova
Plant Technician - L. Cordova
Plant Technician - D. Long
Plant Technician - D. Law
Plant Technician - R. Montano

# SECTION 4 OUALITY CONTROL SAMPLING

## 4.1 QUALITY CONTROL SAMPLING.

Quality Control (QC) Sampling measurements verify that the soil sorting process is in control by identifying any activity levels in the clean pile which approach DNA's release criteria of 500 Bq/kg transuranic (TRU) activity, with no particles in excess of 5,000 Bq. QC measurements were made both by direct Field Instrument for the Detection Of Low Energy Radiation (FIDLER) surveys and by the collection of grab samples from the clean pile for analysis with a shielded chamber FIDLER. Grab samples collected were split, with the split sample being analyzed by on-site DNA staff for independent verification. Appendix A contains QC sample results.

#### 4.2 DIRECT SURVEYS.

Direct FIDLER surveys of the pile were conducted at approximately two hour intervals during plant operations using a calibrated FIDLER probe and an Eberline ESP II Ratemeter. The instrument was calibrated for the detection of the 60 keV photon from AM-241 and then corrected for total TRU using a known ratio. No background in the area for this instrument is 200-300 dps. The alarm setpoint for the ESP II when performing these surveys is set at 500 dps. This setpoint is nearly a factor of 20 below the required action level, however, any particles which cause an alarm are removed from the pile. No discrete particles in excess of 5,000 Bq were detected by these surveys.

### 4.3 GRAB SAMPLING.

Grab samples are taken from each clean pile as it is created at approximately two hour intervals. Samples are split for independent verification by DNA and analyzed in the on-site laboratory. A predetermined mass is weighed and sealed in a petri dish and then analyzed. Samples are counted using a Bicron FIDLER in shielded

chamber, connected to an Eberline MS-2 Mini Scaler. Sample count times were increased to 20 minutes this quarter to improve counting statistics.

As processing began for LE-1 soil, the average activity of clean pile samples increased. Eight samples were found to exceed the DNA criteria of 500 Bq/kg. In each case, a backup sample was taken upon receipt of the sample above criteria. Seven of the eight backup samples were below criteria. The pile from which two consecutive samples above criteria were taken was returned for reprocessing. The samples which exceeded 500 Bq/kg were routinely split to determine if the activity in the sample was due to the presence of a particle above 500 Bq but less than 5,000 Bq as opposed to distributed contamination; this proved to be the case in every instance.

# SECTION 5 SAFETY AND HEALTH

## 5.1 SITE SAFETY AND HEALTH PROGRAM.

The JAPCSCP has implemented a Site Safety and Health Program which addresses the safety hazards expected on the project such as standard industrial safety practices for work around heavy equipment, heat stress and radiological safety. No hazardous chemicals are expected on the project. The primary radiological hazard expected on the project is internal exposure of workers to transuranic radioactive materials. In order to insure protection of workers and island residents, a comprehensive Air Sampling and Contamination Control Program has been put in place.

## 5.2 AIRBORNE RADIOACTIVITY MONITORING.

Air samples are taken continuously at various locations around the plant during operation and analyzed on site. Air samples results are compared to the Pu-239 "Y" retention class criteria provided in 10 CFR 20, Appendix B, Table 1. The Derived Air Concentration (DAC) value for this isotope and retention class is 7 E-12  $\mu$ ci/ml. An administrative limit of 20% of the DAC value has been established to preclude the need for tracking DAC-Hours. Any areas which exceed 20% of the DAC value shall require a respirator for entry. Appendix B contains results for air samples performed during the quarter.

## 5.3 ROUTINE CONTAMINATION SURVEYS.

Weekly surveys were performed in building 795 for loose surface alpha contamination. No removable alpha contamination was noted by these surveys this quarter.

## 5.3.1 Daily FIDLER Surveys.

A scan survey is performed daily in all office, eating, drinking, smoking, and latrine areas in or adjacent to building 795. These surveys are performed using a calibrated FIDLER Probe with an Eberline

ESP II Survey Instrument set in the PHA mode with a 60 keV widow to detect the AM-241 photon. Any activity noted which exceeds two times the background is recorded on the daily survey and remediated. No contamination was noted in the clean area this quarter.

# 5.4 PERSONNEL PROTECTIVE EQUIPMENT.

Personnel Protective Equipment (PPE) such as Anti-Contamination Clothing, Safety Shoes, Safety Glasses, Hard Hats and Hearing Protection are issued to each worker. Specific PPE requirements for each work situation are dictated on a case by case basis.

## 5.5 PERSONNEL MONITORING.

Personnel monitoring for internal exposure to Plutonium is accomplished through routine urine samples submitted to DNA to forwarded to the US Air Force Radiological Health Laboratory. All samples submitted to date have contained less than minimum detectable Plutonium activity.

All personnel monitor for contamination prior to exiting the RCA or entering building 795. There were no personnel contaminations during the quarter.

## 5.6 RECORDS AND REPORTS.

Survey records are maintained on file at the TMA Project Office in Building 795.

## SECTION 6

## PLANT MODIFICATIONS AND MAINTENANCE

## 6.1 PLANT MODIFICATIONS.

Numerous plant upgrades were accomplished during this quarter in order to increase plant efficiency, reliability and improve worker safety. Various tests were also run in order to optimize plant operating conditions.

## 6.1.1 Safety Modifications.

TMA personnel continued to make modifications to the plant intended to improve worker safety. A belt guard was added to the Unit 3 and 4 Clean Stacker Motor. Work continued on items noted in a DNA safety inspection earlier in the year. Additional platforms were installed around Units 1 and 2 Charge Bins. Strips of belting material were attached to the Clean Stacker Discharges in order to minimize nuisance dust.

# 6.1.2 Mechanical Modifications.

Numerous mechanical improvements were made to the physical plant during the quarter. The most significant upgrade was the addition of the Hot Particle (HP) Belt to divert material containing hot particles from Units 1 and 2 to a truck, replacing the previous barrel and roller system. This required extensive modification to the conveyor parts available, including fabrication of a new motor mount, belt hood and alteration of belt length. Side boards were installed on the five ton dump truck initially used and cracks in the bed of the truck were weld repaired to prevent leakage. Problems were encountered with the drive chain and sprocket for the HP belt, requiring frequent repair.

Other modifications accomplished during this quarter included the installation of feed material guides on the sides on Units 1 and 2 Sorter Belts and the alteration of the Diversion Chutes on Units 3 and 4 to improve the flow of material. The roller system for barrels on Units 3 and 4 was also extended.

Modifications were also performed in support of plant testing. These included varying the height of the weir gate and side walls on the spiral classifier to test classifier performance at various flow rates, and the installation and removal of a temporary diversion chute to collect day bin material for testing through Units 3 and 4.

# 6.1.3 Electrical Maintenance.

Electrical maintenance was performed in support of plant modifications and as needed. Underground conduit was laid to supply the new HP belt. Wiring was also done on the belt and a controller for the belt was installed. Later in the quarter a short occurred in the controller requiring that it be replaced.

# 6.1.4 Routine Preventive Maintenance.

A regular preventive maintenance program was followed in order to minimize plant downtime. This program included daily and weekly lubrication of plant equipment, weekly cleaning of sorter belts and gates, and a weekly gate timing check. Corrosion control activities were performed on an as required basis. Sorter gate air hoses were replaced frequently as required. These hoses experience a high failure rate due to the harsh effects of the sun.

# 6.2 TESTING AND SPECIAL EVOLUTIONS.

A number of special evolutions or tests were performed during the quarter.

# 6.2.1 Settling Pond Sampling.

Samples of the settling pond sediment were obtained for radiological analysis. A grid system was set up to reference sample locations and a crane was brought in to provide access to the center of the ponds. Samples were collected form each grid, dried and analyzed for TRU content.

## 6.2.2 Settling Pond Sediment Removal.

Increased frequency of operation of the soil washing system (SWS) this quarter resulted in a rapid increase in the amount of sediment accumulated in the settling ponds. It was necessary to remove some of this material in order to maintain the required production rate for the SWS. TMA's subcontractor, Arrakis Inc., visited the island to review the wet-end set up and prepare a proposal for a system to dredge the ponds on an ongoing basis. Time constraints required that some interim measure be utilized to remove sediment until a dredging system is installed. In order to accomplish this the ponds were pumped down and material was removed using a backhoe and dump truck. The material was poured onto a concrete pad to dry. Enough material was removed in this fashion to allow continued operations of the SWS. The saturated slurry removed from the ponds was extremely difficult to handle and a large number of man hours were required to clean material spilled onto the ground.

## 6.2.3 Reprocessing of Distributed Contamination Material.

Reprocessing of screen classifier oversize material early in the quarter yielded a recovery rate of approximately 90%. A test was devised to verify that this recovery could be attributed to the washing process of the screw classifier and not to the improved counting statistics of sorting the distributed material a second time after removal of hot particles. A temporary chute was fabricated at the Hot Particle Diversion Gate to direct distributed contamination material to drums. Approximately 25 tons of material was collected and placed in the Feed Hopper for Units 3 and 4. The material was then run through Units 3 and 4 to determine recovery rates. Less than 5% of the material was found to meet DNA release criteria, indicating that the SWS process is effectively removing distributed contamination material from the day-bin material.

#### 6.3 DOWN TIME.

Down Time is defined as that portion of the normal 60 hour per week work schedule in which soil processing is not accomplished due to plant maintenance or repair. Normal start-up and shut-down time, time

spent on modifications or testing required by DNA or other delay time authorized by DNA does not count as down time. There were 36.1 hours or 5% devoted to plant maintenance and unscheduled repairs this quarter. The contract requires that downtime be maintained less than 40%.

## 6.4 DAILY OPERATIONAL CHECKS.

Daily and weekly operational checks are performed on each unit in order to verify proper function of the system. Prior to start-up each day background count levels are checked on each sorter, a source check is performed on each individual detector to verify that it is functioning and a source check is run to verify that the gate actuates at the proper time to catch a simulated hot particle. The sorter belt speed is timed twice per day during operation to verify that it is within specification. Source checks are performed again twice per day during operation. Gate actuation times are checked each week and the sorter belts are checked each week and the sorter belts are washed down to prevent a gradual increase in background which would reduce system efficiency. Semiannual electronic calibrations and efficiency determinations are also performed to insure continued safe and efficient plant performance. These operational checks, combined with the daily clean pile surveys and samples discussed earlier, serve to provide quality assurance for the program.

# SECTION 7 SOIL PRODUCTION

## 7.1 PRODUCTION TOTALS.

During the third quarter of the contract period, 10,154 metric tons of soil were processed. This total included 7,592 metric tons of soil which met DNA release criteria and 2,562 metric tons of soil which were diverted for further processing. The average weight reduction for soil processed this quarter was 74.8%. Detailed data on soil production for the quarter is included in Appendix C.

#### 7.2 AUTHORIZED DELAYS.

Authorized delays include halts in soil processing due to inclement weather, performance of DNA required testing or modifications and non-availability of government furnished equipment. Weekly reports listed delay periods for each week as approved by the DNA Project Engineer. Delays for each week adjusted the contract specified production quota requirement of 1,900 metric tons weekly. Each sorter-hour of authorized delay reduced the weekly quota by 7.9 metric tons. For example, if rain resulted in a full days loss of production, then 40 sorter hours would be lost (4 sorters x 10 hour). This would result in a reduction of the weekly quota by 316 metric tons (40 sorter-hours x 7.9 tons per sorter per hour). Adjusted weekly quotas are depicted in Appendix B, Table 1 and Figure 1.

A total of 40.3 days were recorded during the quarter as authorized delays. The weekly production quota was adjusted to allow for authorized delays as approved by the on-site DNA Project Engineer.

## 7.3 PRODUCTION VERSUS QUOTA.

Total soil processed during the third quarter exceeded the adjusted quota for the period by 104 metric tons. The total production for the contract to date exceeds the adjusted contract quota by 1,321 metric tons.

## 7.4 PRODUCTION RECORDS.

Appendix C contains the daily production records for the third quarter, including the Daily Work History totals and the JA Soil Cleanup Log Overall Summary Report.

These records provide day-by-day information on plant operations and performance. Data detailing mass of soil processed as recorded by the computer and by the plants mechanical weigh scales is included. Comparison of these two sources continued to indicate some discrepancies, which we believe to be caused by varying density values for the various feed material sources. All weigh scales are scheduled for recalibration early in the fourth quarter, and a new procedure shall be implemented for soil density measurements in order to correct this problem.

Information on activity diverted indicated that the distribution of particle activity (which is an indicator of particle size) remained consistent with previous quarters. The total activity diverted for the quarter increased significantly. In the first quarter, a total of 2,193 MBq of activity was diverted. In the second quarter, 652 MBq activity was diverted. In the third quarter, as LE-1 soil began to be processed, 9,239 MBq of activity was diverted. It is anticipated that these levels will continue to be processed in subsequent quarters.

This high level of activity places the SGS near the limits of its capabilities. The high number of particles present in the field cause a large number of mass diverts, which reduces our volume production. This necessitates further processing to achieve the desired reduction. Possible alternatives include reprocessing the concentrated hot particle material using a dry screening process, diverting more material to the day bin for increased use of the SWS or slowing the belt speed on the SGS to improve counting statistics. These options will be explored more thoroughly in the future.

#### 7.5 SUMMARY.

The Plutonium Soil Cleanup Project at Johnston Atoll continued to progress during the third quarter of the contract. The malfunction of the rock crusher resulted in a significantly reduced quota for the quarter, however, repairs should be completed during the fourth quarter. Numerous tests were conducted which provided substantial assistance in fine tuning plant operations.

As we move into the fourth quarter of the Project, significant progress has been made. We have gained valuable insight on how the plant will process the higher activity LE-1 soil and made good progress on soil production in relation to quotas. Challenges remaining include returning the rock crusher to service, implementation of the pond dredging system, development of methods to further volume reduce the hot particle material generated in LE-1 and preparation of waste for final shipment. We look forward to meeting these and other challenges as we continually seek to enhance project performance on the only full scale Plutonium Contaminated Soil Cleanup Project of its kind in the world.

#### ATTACHMENT 1

#### STATEMENT OF WORK

FOR

24 MAR 93

#### PLUTONIUM CONTAMINATED SOIL CLEANUP PLANT OPERATION

## 1.0 SCOPE

The required work is to maintain and operate the Johnston Atoll (JA) plutonium contaminated soil cleanup plant. It includes hauling soil to and from the plant, processing contaminated soil, removing clean soil, packaging waste, recommending and making process improvements, developing data to demonstrate the process is under control, operating safely and efficiently, and preparing written reports. It requires development and maintenance of a decommissioning plan and implementing the plan at project completion.

#### 1.1 Background

- a. The Defense Nuclear Agency (DNA) has built a unique plant to clean plutonium contaminated soil that is at Johnston Atoll (JA). The plant was constructed in 1989 and significantly improved in 1991. It combines conventional mining technology with sophisticated radiation detection equipment. By mining, most of the soil becomes suitable for use without radiological restrictions.
- b. Johnston Atoll is 800 miles southwest of Honolulu, Hawaii. In 1962, nuclear weapon tests contaminated a significant portion of the island with plutonium. The contamination now is in a complex and uncertain pattern throughout a 24-acre area. It is present as both isolated point sources ("hot particles") and volume sources ("dispersed contamination") in otherwise clean soil. (Hot particles are much larger than particles making up dispersed contamination.) The soil enclosing the contamination totals about 100,000 cy.
- c. The Government performs in situ radiological surveys to pinpoint the location of contaminated soil. It uses earth moving equipment to excavate the contaminated soil and haul it to a stockpile area downwind of the cleanup plant. It screens the soil to separate minus 1/2 inch from plus 1/2 inch. The oversize soil is inherently clean, but it must be reduced to minus 1/2 inch for processing through the plant to ensure it is clean. The contractor processes the plus 1/2 fraction through a crushing system in the stockpile area to reduce it to minus 1/2 inch. The crushed soil (mostly clean) is processed through the plant separate from the minus 1/2 inch soil (some contamination) to prevent cleanup by dilution.
- d. The cleanup plant has two process paths. The Contractor feeds the minus 1/2 inch contaminated soil into a hopper at the start of path one. The hopper underflow conveys

beneath magnets to remove any steel rubble and onto a vibrating screen to remove any plus 0.5-in gravel which may be present. The minus 0.5-in soil splits and conveys in a thin layer on two 3-foot wide flat belts beneath radiation detectors. A computer processes radiation signals and controls the position of eight gates across each conveyor end. In one position a gate allows soil to fill to a conveyor for removal to a clean soil pile. In the other position a gate diverts soil to a "hot soil" conveyor for further processing. Each gate can remain in either position for as little as two seconds. These conveyor systems are called sorter 1 and sorter 2.

- e. The hot soil conveyor has a single gate at its end. The computer gates soil with hot particles to a waste container and dispersed contamination through a surge bin to a spiral classifier. The classifier mixes water and soil, and it decants suspended fine particles while simultaneously draining and conveying coarse particles out of the classifier. The fine particles, rich with dispersed contamination, are pumped to a settling pond. Pond sediment can be removed and recycled or packaged as waste. The coarse and predominantly clean soil from the classifier is discharged to the ground for air drying and subsequent sorting to verify cleanliness.
- f. The second process path also has a hopper, splitter, and two multi-gate soil sorters. These sorters are called sorter 3 and sorter 4. The Contractor uses this path primarily for processing crushed oversize soil and soil which has been washed of fines. The path is also used for special work such as reprocessing hot particle concentrate. The hot soil conveyor from sorters 3 and 4 connects to the conveyor which sends contaminated soil to the surge bin.
- g. The plant has numerous weigh scales and mass and volume flow meters. It has speed controllers for precisely regulating speed of sorting conveyors, and controls for testing sorter gate response times. Soil density gages and feed soil radiation monitors are to be installed.
- h. The plant is controlled from a computer console in an office adjacent to the plant. The computer records data on plant performance including summaries of radiation measurements every 20 seconds. Data are processed by personal computer and analyzed for assuring process control and material balance.
- i. The improved mining plant was tested and made operational in 1992. To 13 Mar 93, 115 days were devoted to processing soil on a production basis. These 10-hr workdays averaged 1.9 hrs for plant startup, 6.0 hrs of processing, 1.4 hrs for shutdown, and 0.7 hrs for system pause. About 10,800 tons of soil were processed. This is equivalent to 8,600 cy of soil in the ground. The daily processing rate averaged about 94 tons, but the trend was increasing and several days exceeded 180 tons. All soil fed to the plant came from contaminated ground, and 98 percent was clean at less than 500 Bq/kg after processing. The average specific activity for clean soil was 59 Bq/kg. The plutonium recovered totalled 980 MBq and 300 mg. Performance statistics were developed from 270,000 radiation count records produced by the plant computer.

- j. The plant is still being perfected. The computer program which controls gates has progressed to version 10.0. An independent verification and certification of the program identified some bugs and opportunities for program improvement. Some inconsistencies persist concerning material balance. Additional diagnostic instruments are needed. (Section 1.1.g.) The rock crushing system is being replaced. The JA environment is harsh, and the remote location creates logistics problems. Some research and development is in process, and the results may suggest the need for plant or cleanup process modifications.
- k. The cleanup of plutonium contaminated soil at JA may be completed as early as 1995. The effort will eliminate a radiological hazard and improve the environment. The small amount of waste will be sent to an approved waste handling facility. The clean soil will be returned to the ground and used in construction projects for fill or bedding.

### 1.2 Objectives

This Statement of Work (SOW) lists specific tasks and services required by the Contractor in support of the Johnston Atoll plutonium contaminated soil cleanup project. The principal Contractor work involves processing contaminated soil through the soil cleanup plant.

## 2.0 APPLICABLE DOCUMENTS

- a. Johnston Atoll TRU Soil Cleanup-Up Project, Assembly & Demonstration of the "TRUclean" Soil Clean-up Plant, (Phase One DRAFT), 17 Aug 89.
- b. Johnston Atoll Plutonium Contaminated Soil Cleanup Project, Annual Report, Phase Two, Plant Modification, Performance Testing, and Operation, October 15, 1992.
- c. Johnston Atoll Plutonium Contaminated Soil Cleanup Project, Annual Report, Option Period One, December 31, 1992.
- d. Contamination Monitor Technical Manual for Johnston Atoll Conveyor System, TMA/Eberline, October 1991, Revised to version 8.0.
- e. JA Soil Cleanup Plant Computer Source Code and Operations Manual.
- f. JA Soil Cleanup Plant Project Management Plan.
- g. JA Soil Cleanup Quality Assurance Plan.
- h. JA Soil Cleanup Plant Operating Procedures.
- i. Memorandum for TMA, Subject: Guidance for Plant Decommissioning and Maintenance, September 15, 1992.

j. JA Soil Cleanup Plant Decommissioning Plan.

## 3.0 REQUIREMENTS (TASKS)

The Contractor shall accomplish the tasks listed under the following task categories. The contractor shall revise the Project Management Plan to detail its approach to fulfilling these tasks and other contract requirements. (CDRL, 4)

#### 3.1 Work Periods

- a. Work will commence at Johnston Atoll within 15 days after contract award. A new contractor will have no more than two weeks at the work site for familiarization with the soil cleanup plant. Additional time will be allowed for a new contractor who cannot receive instruction from the incumbent contractor, or in the event the plant has been idle for an extended period at contract award and repairs or abnormal maintenance is necessary.
- b. The normal workweek at Johnston Atoll will be from Monday through Saturday. Weekly production quotas stated below are for the period Monday through Saturday. The quotas will be prorated for short weeks due to holidays, plant modifications and modification tests approved by the DNA project manager which cause lost time, and at the start and end of operations as for the week when there is no more contaminated soil to process.
- c. For determining weekly production and percent downtime (no production as a percent of available hours), (1) "production hours" are the greatest net sorting hours reported by the plant computer for sorter 1, sorter 2, or sorter 4, and (2) "available hours" are the actual work hours reduced by any hours for scheduled plant modifications and testing of modifications. "Net sorting hours" are obtained from the plant daily log summary after exclusion of records which do not reflect true production. Excluded records include those reported when the sorter conveyor is empty or when a system test is conducted.

## 3.2 Plant Operations

(For quantities with "tons" as a mass unit in this section, the ton is metric and equal to 1,000 kilograms (kq).)

a. Furnish equipment operators to haul soil from the feed-soil stockpile area and feed soil to the cleanup plant. Process soil through the plant until DNA decides there is no more soil to process. DNA will remove clean soil from the plant to the lay-down area toward the east of the plant.

- (1) Process the minus %-inch predominantly contaminated soil through sorter 1 and sorter 2. The minimum weekly production rate for both sorters is 900 tons total. (Section 3.1.) This rate applies for the type of soil which has been processed to date and which leads to a weight reduction over 90 percent.
- (2) Process the plus %-inch predominantly clean soil through sorter 4. This oversize soil is first crushed in the sizing/crushing system. The minimum weekly production rate for sorter 4 is 400 tons as long as there is a supply of crushed soil. (Section 3.1.)
- (3) Remove hot soil diverted from the plant at the hot particle gate to a storage area for subsequent treatment. For hot soil not diverted, process soil through the washing loop to remove fine particles before the 80-ton surge tank fills. Remove the washed soil to a storage area for subsequent treatment.
- (4) Reprocess soil from the storage areas in (3) above through sorter 3. Assay the concentrate after recycle and package for waste disposal. Sorter 3 may also be used to process crushed oversize soil to reduce backlogs and improve performance.
- (5) Manage the settling ponds which receive fine soil removed by the soil washing loop. Remove sediment when necessary to prevent exceeding pond capacity. Assay the sediment and package for waste disposal. In the event research and development by others leads to a beneficial method for concentrating plutonium in sediment, process sediment by that method before packaging for waste disposal.
- b. Maintain an efficient operation which has downtime for primary sorters 1 and 2 of less than 40 percent. (Section 3.1.)
- c. Continue processing or reprocessing soil until waste mass is reduced to the point of diminishing returns where the cost of additional cleanup exceeds the cost of disposal or the waste mass is sufficiently small and concentrated that it may be stored securely on Johnston Island pending disposal at an approved transuranic element waste disposal facility. Based on the estimated volume of soil to be processed (100,000 cy or 125,000 tons), estimated disposal costs, and programmed budget, at least a 98 percent weight reduction overall is required. ("Weight reduction" is ratio of clean soil mass to process soil mass expressed as a percent.)
- d. Produce definitive data on a regular basis to demonstrate the plant process is under control. Data shall include measured weights and volumes. If data do not show material balance, determine the cause and remedy the deficiency. (CDRL, 3)
- e. Provide definitive data on a routine basis that clean soil meets contract specifications, production meets or exceeds quotas, time utilization holds downtime to less than 40 percent, and sorting records from the daily log are complete with inconsistencies either absent or being corrected. (CDRL, 3)

- f. Revise and maintain plant operating procedures as necessary so the written procedures accurately state the steps necessary for operating the plant safely and properly. (Section 2.g.)
- g. Revise and maintain the quality assurance (QA) plan (Section 2.f) as necessary to provide assurance the QA objectives, stated in the project management plan (section 2.e), are fulfilled in compliance with DOE Order 5700.6A. Obtain approval from the DNA project manager before implementing changes.
- h. Perform other tasks as required to make soil cleanup efficient and satisfactory within the scope of this Statement of Work. (CDRL, 5)

#### 3.3 Plant Maintenance

- a. Maintain the plant including hardware and software. Provide personnel with adequate skills to identify and diagnose problems and correct the problems or cause them to be corrected.
- b. Develop and implement a preventive maintenance and corrosion control program which aids in reducing plant downtime and repair costs, and extends plant life at least until the total inventory of JA contaminated soil is processed. Maintain all assigned government furnished property, including any which is inactive or removed from the plant and placed in storage at the operating site.
- c. Maintain a spare parts inventory to minimize downtime. Identify critical spare parts, considering mean time between failures, by nomenclature, quantity, vendor, and estimated costs. Submit purchase requests for spare parts to the DNA project manager to avoid production delays due to lack of spare parts. Allow sufficient lead time on purchase requests for compliance with Federal Acquisition Regulations. Provide a list of suggested suppliers, estimated costs, and estimates of weight and cube for use in determining transportation costs. (CDRL 9, 10)

## 3.4 Plant Improvements

- a. Evaluate ways to improve the plant as part of continuous process improvement. Present concepts to the DNA project manager for approval. (CDRL, 6) When approved, proceed with planning for the improvements.
- b. For improvements which require procurement of components, prepare procurement packages listing salient features and minimum requirements, estimated costs, and suggested suppliers. Submit procurement packages to the DNA project manager for procurement. Allow sufficient lead time on purchase requests for compliance with Federal Acquisition Regulations. Provide estimates of weight and cube for use in determining transportation costs, and spare parts and support requirements. (CDRL, 9)

- c. Develop schedules for implementing improvements and detail any support services and equipment needed for the implementation.
- d. Continue to perfect the plant computer program and submit the revised code and software user's manual to the DNA project manager. (CDRL, 5)

## 3.5 Waste Disposal

- a. Assay and package waste soil and other radioactive waste for transport and in compliance with Departments of Transportation (DOT) and Agriculture (USDA) rules and regulations.
- b. Place any packaged waste soil in dry cargo freight containers or other storage facilities as directed by the DNA project manager for interim storage pending removal from JA.
- c. Prepare shipping papers as required to transport waste soil from JA to a radioactive waste disposal facility. The papers should be complete and accurate to prevent penalty to DNA from violations of rules and regulations.
- d. When directed by the DNA project manager, prepare documents as necessary for compliance with waste disposal regulations so that waste is accepted at the disposal facility without penalty to DNA due to violation of rules and regulations.

#### 3.6 Plant Decommissioning

- a. Revise as necessary the plant decommissioning plan so it is up to date and ready for implementation (Sections 2.h and 2.i.)
- b. For components prematurely retired from the plant with useful life remaining, prepare the components for disposition when removed. Preparations may include decontamination, application of protective materials, packaging, and removal from the JA radiological controlled area.
- c. When directed by DNA, implement the decommissioning plan. NOTE: Decommissioning is not expected until the JA plutonium contaminated soil cleanup project is complete.

#### 3.7 Safety and Health

- a. Provide for the safety of personnel within the radiological control area in compliance with the Occupational Safety and Health Standards, US Code of Federal Regulations, Title 29, Part 1910.
- b. Maintain a radiation safety program to ensure control of contamination and personnel doses below limits and as low as is reasonably achievable.

## 3.8 Engineering Drawings

- a. Maintain a complete library of engineering drawings and instruction and service manuals for components of the plant at the work-site. (CDRL, 1) Update engineering drawings as necessary to show "as is" conditions.
- b. For plant modifications, develop engineering drawings (CDRL, 1).
- c. Maintain a current index of engineering drawings and manuals.

#### 3.9 Reports

- a. Prepare and submit written work according to requirements of the contract data requirements list (CDRL). Reports including documents, logs, memoranda, correspondences, and other written materials are critical to ensuring success of the cleanup project. They must contain accurate and true data. They must be well organized and written in English with good grammar and style. Where deadlines exist, they must be submitted on time. (CDRL, 7)
- b. In addition to financial reports required elsewhere by the Contract, prepare Funds and Man-hour Expenditure Reports and submit to the DNA project manager and DNA contracting officer. (CDRL, 2)

#### ATTACHMENT 2

#### GOVERNMENT FURNISHED SERVICES

The Government will provide all equipment and material to operate and maintain the soil cleanup plant, and

- a. Furnish electricity and water service for the soil cleanup plant.
- b. Provide subsistence and quarters and related support for contractor personnel assigned full-time to the project.
- c. Provide billeting for occasional Contractor top management visitors. The contractor is to provide an estimate of travel to include number of individuals, how long, and purpose. Government transportation will be made available if necessary. (Costs are to be paid by Contractor.)
- d. Provide a fork-lift and front end loader capable of lifting palettes and other general work for use by contractor certified operators.
- e. Provide overall radiation safety support, exclusive of plant operations, to include protective clothing, respirators and equipment for plant personnel, liquid nitrogen to operate germanium detectors, and dosimetry services. (The cleanup contractor will be responsible for packaging contaminated clothing for disposal and for laundering noncontaminated protective clothing.)
- f. Provide repairs, common supplies as requested by the contractor (to exclude routine office supplies), and other support services as necessary and subject to the approval of DNA.
- g. Deliver contaminated soil to the vicinity of the cleanup plant feed point so as to sustain a rate of 1,000 tons per week.
- h. Remove clean soil from the plant service area and the RCA. As much as 2,000 tons may accumulate in piles at either stacker boom before it must be relocated.
- i. Provide containers and palettes as necessary for handling radioactive waste.

- j. Remove packaged radioactive waste from the RCA and load to ship for sealift to a CONUS disposal facility. A single shipment is expected at project completion.
- k. Grade and contour areas after contaminated soil has been removed for cleanup.
- Provide accounting services for on-island support.
- m. Provide routine US postal services. (Costs are to be borne by the Contractor.)
- n. Provide custodial services for office spaces in Building 795, the plant control facility.
- o. Provide available health services for Contractor personnel. (Costs are to be borne by the Contractor.)
- p. Provide available packing and crating service as requested by the Contractor and approved by DNA. This requirement is not expected to be frequent, but only in instances when plant components must be returned to vendors for repairs pertaining to the operations of the plant.
- q. Provide scheduling, ticketing, orders for AMC flights and other routine transportation services for Contractor personnel. (Costs are to be borne by the Contractor.)
- r. Provide services for transport of oversized waste containers as approved by DNA.
- s. Provide cargo palette service, including off and on loading of liquid nitrogen containers transported weekly between Hickam, AFB and JA.
- t. Provide aircraft cargo services for plant components (repair and replacement parts) as required.
- u. Provide routine services and general maintenance as necessary for Building 795 and grounds.
- v. Provide routine refuse disposal from the RCA.
- w. Provide JA internal mail distribution.

- x. Provide and maintain at least one telephone hookup in Building 795. Currently two numbers (2011 and 2033) are provided, and one is available for FAX transmission.
- y. Handle message traffic from the Contractor.
- z. Provide morale, welfare and recreation services for contractor personnel as provided for other island personnel.
- aa. Provide office furnishings within Building 795 as available and approved by DNA.
- ab. Provide POL for vehicle(s) operated by the Contractor.
- ac. Provide one van for contractor use to deliver and pickup supplies and perform other routine work.
- ad. Provide protective masks for contractor personnel as long as chemical agents are present on JA.

# Appendix A

Quality Control Sample Results

				QA SAM	SAMPLE RESULTS	LTS						
				I [±₄	ebruary 1994	4						
		SAMPLE	SAMPLE	SAMPLE	SAMPLE		BKG.	BKG.	R	RESULTS	STD.	
Ø₽#	DATE	COUNTS	O.13.	WT. (kg.)	CPM	EFF.	CPM	C.T.	В	Bq./kg.	DEV.	MDA
2065	01-Feb-94	539	10	0.1136	53.9	0.0666	52.0	10	V	104		76
2066		477		.113				10	v	76		76
2067		512		.113	51.2		52.0	10	V	76		76
2068		909		0.1136	50.6	0.0666	52.0	10	<b>v</b>	76		76
2069		498		0.1136	49.8	0.0666	52.0	10	v	16		76
2070		490		0.1136	49.0	0.0666	52.0	10	v	16		76
2071		516		0.1136	51.6	0.0666	52.0	10	v	16		16
2072		482		0.1136	48.2	.066	52.0	10	>	16		76
2073		505	10	0.1136	50.5	0.0666	•	10	<b>v</b>	95		74
2074		569		0.1136	56.9	0.0666	49.1	10		112	92	74
2075	02-Feb-94	508		0.1136		0.0666	49.1	10	<b>V</b>	66		74
2076		543	10	0.1136	54.3	0.0666	49.1	10		75	90	74
2077	•	499		0.1136		0.0666	49.1	10	<b>v</b>	86		74
2078		508		.11		0.0666	49.1	10	٧	66		74
2079		506	10	•	50.6	0.0666	49.1	10	٧	96		74
2080		429		0.1136		0.0666	49.1	10	٧	74		74
2081	02-Feb-94	496		0.1136		0.0666	52.1	10	<b>v</b>	16		92
2082		504		0.1136	50.4	0.0666	52.1	10	٧	16		16
2083		523		0.1136		0.0666		10	٧	19		76
2084		503		0.1136	50.3	0.0666	52.1	10	٧	16		76
2085		502		0.1136		0.0666	52.1	10	٧	16		16
2086	03-Feb-94	484	10	0.1136	48.4	0.0666	52.1	10	٧	92		16
2087		529		0.1136	52.9	0.0666	52.1	10	٧	88		16
2088		200	10	0.1136	50.0	0.0666	52.1	10	٧	16		96
2089	04-Feb-94	502		0.1136	50.2	0.0666	51.3	10	٧	16		16
2090		418	3 10	0.1136	1.	0.0666	51.3	10	٧	16		76
2091		513		. 11	51.3	0.0666	51.3	10	٧	16		76
2092		517	7 10	0.1136	51.7	0.0666	51.3	10	v	82		76
2093		557	1	•	Ŋ	0.0666	51.3	10	v	141		76
2094		55	10	- 1	S	0.0666	51.3	10	v	132		76
2095		53	10	0.1136	53.4	0.0666	51.3	10	v	107		76

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	RAMPLE	FIDMAN	E HAMPI.E	SAMPLE		BKG.	BKG.	-	RESULTS	STD.	
DATE	COUNTS	C.T.	WT. (kg.)	CPM	EFF.	CPM	G. H.		Bq./kg.	DEV.	MDA
04-Feb-94	545	0.	0.1136	54.5	0.0666	51.3	10	V	123		76
05-Feb-94	·  N	10	113	52.3	.066		10	v	131		74
	510		.113	51.0	0.0666	48.4	10	V	112		74
	587		0.1136	58.7	0.0666	48.4	10		148	95	74
	499		0.1136	49.9	0.0666	48.4	10	٧	96		74
07-Feb-94	553		0.1136	55.3	9990.0	50.9	10	٧	140		75
	530			53.0	0.0666	50.9	10	<b>v</b>	106		75
	496		0.1136	49.6	0.0666	50.9	10	٧	75		75
	497		١.	49.7	0.0666	50.9	10	٧	75		75
	482		0.1136	48.2	0.0666	50.9	10	٧	75		75
	507		.113		0.0666	50.9	10	٧	75		75
	554		0.1136	55.4	0.0666	50.9	10	V	142		75
	522	10	0.1136	52.2	0.0666	50.9	10	٧	95		75
08-Feb-94	533	10	0.1136	53.3	0.0666	52.5	10	v	88		77
	511		0.1136	51.1	0.0666		10	٧	77		77
	545	_	0.1136		0.0666		10	٧	106		77
	499		0.1136		0.0666	52.5	10	٧	77		77
	509		0.1136	50.9	0.0666	•	10	٧	77		77
	560	10	0.1136	56.0	0.0666	52.5	10	٧	128		77
	548		0.1136	54.8	0.0666	•	10	٧	110		77
	518		0.1136	51.8	0.0666	52.5	10	٧	77		77
	519	10	0.1136	51.9	0.0666	53.4	10	v	77		77
	473	10	0.1136	47.3	0.0666	53.4	10	v	77		77
09-Feb-94	567	10	0.1136	56.7	0.0666		10	٧	126		77
	533	3 10	0.1136	53.3	0.0666	53.4	10	٧	77		77
	502	10		50.	0.0666	53.4	10	v	77		77
	518	3 10	0.1136	51.8	0.0666	53.4	20	v	77		77
	494	10	0.1136	49.4	0.0666	53.4	2	٧	77		77
	523	2 10	0.1136	52.2	0.0666	53.4	10	٧	77		77
10-Feb-94	49		0.1136	49.3	0.0666	51.5	10	v	16		76
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				Febr	February 1994	4						T
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		SAMPLE	SAMPLE	SAMPLE	SAMPLE		BKG.	BKG.		RESULTS	STD.	
QA#	DATE	COUNTS	C.T.	WT. (kg.)	CPM	EFF.	CPM	C.T.		Bq./kg.	DEV.	MDA
2127	10-Feb-94	558	10	0.1136	55.8	0.0666	51.5	10	\ <u>\</u>	139		76
2128	2	488	10	113	8	990		10	V	16		76
2129		549	10	.113		990	51.5	10	v	126		9/
2130		492	10	0.1136	49.2	0.0666	51.5	10	v	76		76
2131		501	10	0.1136	50.1	0.0666	51.5	10	v	76		76
2132		516	10	0.1136	51.6	0.0666	51.5	10	V	77		76
2133	14-Feb-94	497	10	0.1136	49.7	0.0666	55.5	10	V	79		79
2134		518	10	0.1136	51.8	0.0666	55.5	10	٧	79		79
2135	14-Feb-94	576		0.1136		0.0666		10	٧	124		78
2136		494	10	0.1136	49.4	0.0666	54.5	10	V	78		78
2137	15-Feb-94	524	10	0.1136	52.4	0.0666	54.5	10	٧	78		78
2138		511	10	0.1136	51.1	0.0666	54.5	10	٧	78		78
2139		559	10	0.1136	55.9	9990.0	54.5	10	٧	66		78
2140		510	10	0.1136	51.0	9990.0	54.5	10	٧	78		78
2141		545	10			0.0666	• 1	21	v	78		78
2142		533	10	0.1136	53.3	0.0666	54.5	10	٧	78		78
2143	15-Feb-94	514		0.1136	51.4	0.0666	ω.	10	٧	78		78
2144		517	_	0.1136	51.7	0.0666	53.9	10	٧	78		78
2145	17-Feb-94	537		0.1136	53.7	0.0666	53.1	10	٧	86		77
2146		525	10	0.1136	52.5	0.0666	53.1	10	V	77		77
2147		509		0.1136	50.9	0.0666	53.1	10	٧	77		77
2148		562		0.1136	56.2	0.0666	53.1	10	٧	123		77
2149		527	10	0.1136	52.7	0.0666	53.1	10	٧	77		77
2150		514	10	0.1136	51.4	0.0666	53.1	10	٧	77		77
2151	18-Feb-94	526	10	0.1136	52.6	0.0666	50.8	10	V	102		75
2152		540	10	0.1136		0.0666	50.8	10	Y	122		75
2153		546	10	0.1136	54.6	0.0666	50.8	10	V	131		75
2154		549	10	0.1136	54.9	0.0666	50.8	10	_	135		75
2155	18-Feb-94					0.0666	54.1	10	V	78		78
2156	19-Feb-94		10	0.1136		0.0666	54.1	10	٧	78		78
2157		546		0.1136		0.0666	54.1	10	<u> </u>	90		78

			QA SAM	SAMPLE RESULTS	LTS						
	LI		Febr	February 1994	4						1 1
SAMPLE	63	SAMPLE	SAMPLE	SAMPLE		BKG.	BKG.		RESULTS	STD.	
COUNTS	S	C.T.	WT. (kg.)	СРМ	EFF.	WAD	C.T.		.pd./kg.	DEV.	MDA
55	3	10	0.1136	52.3	0.0666	54.1	10	V	78		78
51	519	10	0.1136	51.9	0.0666	49.5	10	v	110		74
547	7		0.1136	54.7	0.0666	49.5	10		75	91	74
5.	519		0.1136	51.9	0.0666	49.5	10	V	110		74
56	S		0.1136	56.5	0.0666	49.5	10		100	92	74
653	2		0.1136	65.3	0.0666	49.5	10		227	95	74
498	ω		0.1136	49.8	0.0666	51.8	10	v	92		76
561	7	10	0.1136	56.1	0.0666	51.8	10	v	139		76
562	2	10	0.1136	56.2	0.0666	51.8	10	٧	141		16
568	00	10	0.1136	56.8	0.0666	51.8	10	<b>v</b>	150		92
620	0	10	0.1136	62.0	0.0666	51.8	10		146	95	97
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QAS0294.XLS

				QA SAMPLE	PLE RESULTS	LTS						
				1 1	1 1							
									$\dashv$			
									+			
		SAMPLE	SAMPLE	SAMPLE	SAMPLE		BKG.	BKG.	$\dashv$	RESULTS	STD.	
OA#	DATE	COUNTS	C.T.	WT. (kg.)	СРМ	EFF.	CPM	C.T.	$\top$	Bq./kg.	DEV.	MDA
2169	01-Mar-94	573	10	0.1136	57.3	0.0666	53.5	10	V	133		77
2170		536	10	0.1136	53.6	0.0666	53.5	10	v	79		77
2171		575	10	0.1136	57.5	0.0666	53.5	10	v	136		77
2172		521	10	0.1136	52.1	0.0666	53.5	10	v	77		77
2173		571	10	0.1136	57.1	0.0666	53.5	10	<b>v</b>	130		77
2174	02-Mar-94	553	10	0.1136	55.3	0.0666	53.3	10	v	107		77
2175		561	10	0.1136	56.1	0.0666	53,3	10	v	118		77
2176		568	10	0.1136		0.0666		10	٧	129		77
2177		527	10	0.1136	52.7	0.0666		10	v	11		77
2178		539		0.1136	53.9	0.0666		10	v	86		77
2179	03-Mar-94	551		0.1136	55.1	0.0666		10	٧	147		75
2180		556		0.1136	55.6	0.0666	50.2	10		77	91	75
2181		918	10	0.1136	91.8	0.0666	50.2	10		287	106	75
2182		485		0.1136	48.5	0.0666	•	10	٧	75		75
2183		550	10	0.1136	55.0	0.0666	50.2	10	>	146		75
2184	04-Mar-94	531		0.1136	53.1	0.0666	54.5	10	٧	78		78
2185		803	10	0.1136	80.3	0.0666	54.5	10		370	103	78
2186		607	10	0.1136	60.7	0.0666	54.5	10		89	95	78
2187		565	10	0.1136	56.5	0.0666	•	10	٧	108		78
2188	05-Mar-94	497	10	0.1136	49.7	0.0666	52.3	10	<	77		77
2189	11-Mar-94	549	10	0.1136	54.9	0.0666	55.1	10	>	19		79
2190		504	10	0.1136	50.4	0.0666	55.1	10	٧	19		79
2191		503	10	0.1136	50.3	0.0666	55.1	10	٧	62		79
2192		560	10	0.1136	56.0	0.0666	55.1	10	٧	26		79
2193	15-Mar-94	784	10	0.1136	78.4	0.0666	49.4	10		416	100	74
2194		608	10	0.1136	8.09	0.0666	49.4	10		163	93	<b>7</b>
2195		655	10	0.1136	65.5	0.0666	49.4	10		231	95	74
2196		630	10	0.1136	63.	0.0666	49.4	10		195	94	74
2197	16-Mar-94	951		0.1136	95.1	0.0666	53.2	10		601	108	11
2198		569		•	56.9	0.0666	53.2	12	V	132		77
2199		595	10	0.1136	59.5	0.0666	53.2	10	Ц	8	94	77



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### 78 78 74 MDA 78 74 75 75 75 77 78 78 18 74 74 75 75 11 17 74 74 74 11 74 90 103 STD. DEV. 93 93 96 105 90 90 92 96 92 92 96 91 93 94 91 RESULTS Bq./kg. 399 116 82 96 149 106 133 16 260 112 143 149 141 157 80 239 159 122 78 152 92 9/ 128 111 87 77 597 93 66 ٧ ٧ ٧ ٧ ٧ ٧ v ٧ V 10 01 10 10 9 10 10 유 10 10 10 10 2 10 9 BKG. ទ 10 10 10 10 2 202 10 10 C.I. 20 2 10 10 10 52.9 48.6 52.9 54.0 54.0 48.5 48.5 49.8 49.9 52.9 54.0 48.6 48.5 49.8 49.8 49.8 49.9 49.9 54.0 54.0 49.5 49.5 49.5 49.5 49.5 53.7 52.9 BKG. 49.9 53.7 53.7 CPM 0.0666 EFF. OA SAMPLE RESULTS March 1994 54.9 54.8 57.8 80.7 54.3 SAMPLE 54.6 61.9 55.1 53.4 57.7 59.9 56.6 63.3 59.4 58.8 56.0 56.0 50.3 59.1 56.2 60.3 66.2 91.1 53.8 52.9 58.3 56.6 57.8 9.09 56.7 CPM 0.1136 WT. (kg.) SAMPLE 10 2 SAMPLE 9 10 10 10 10 2 2 2 ដ 10 10 2 2 10 10 10 2 2 2 10 10 10 2 2 2 2 2 9 10 C.T. 578 599 999 603 529 578 549 807 633 583 566 538 546 562 619 577 909 260 560 503 591 551 588 911 567 662 SAMPLE COUNTS 24-Mar-94 25-Mar-94 21-Mar-94 22-Mar-94 23-Mar-94 16-Mar-94 17-Mar-94 18-Mar-94 19-Mar-94 DATE 2224 2220 2225 2226 2228 2229 2216 2218 2227 2230 2214 2215 2219 2222 2223 2203 2205 2208 2209 2212 2213 2221 2200 2201 2202 2204 2207 2211 2217 OA# 2206 2210

QAS0394.XLS

	_r		ام																	$\top$	-		П	Τ	T	Τ		$\neg$
			MDA	7.4	74	75	75	14	74	74	74	74	75	75	75	92	16	16	16	_	-			_	-		-	_
		STD.	DEV.		91			96	95	93	103		86	92	94			93	96									
		RESULTS	Bq./kg.	130	95	146	134	268	218	142	625	139	293	109	166	102	89	66	191									
			П	\	·	V	<b>v</b>				_	٧	L			٧	٧			+	-	-	$\vdash$	+	+	+	$\vdash$	$\dashv$
		BKG.	C.T.		9	10	10	10	10	10	10	10	10	10	10	10	10	10	10									
		BKG.	CPM	2 87	48.6	50.9	50.9	49.2	49.2	49.2	49.2	49.2	50.0	50.0	20.0	51.4	51.4	51.4	51.4									
TS			BFF.	9990	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666									
SAMPLE RESULTS	ch 1994	SAMPLE	CPM	F 2 A	55.2	55.7	54.9	67.9	64.4	59.1		53.6	70.4	57.6	61.6	53.2	52.3	58.3	64.7									
QA SAMI	March	SAMPLE	WT. (kg.)	20110	0.1136	0.1136	0.1136	0.1136	0.1136	0.1136	0.1136	0.1136	0.1136	0.1136	0.1136	0.1136	0.1136	0.1136	0.1136									
		SAMPLE	C.H.		200	10	10	10	10	10	10	10	10	10	10	10	10	10	10									
		SAMPLE	COUNTS	100	552	557	549	619	644	591	861	536	704	576	616	532	523	583	647									
			DATE	10 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	10 100 07	26-Mar-94		28-Mar-94					30-Mar-94			31-Mar-94												
	-		QA#	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246									

				QA SAMPLI April	SAMPLE RESULTS April 1994	ıLTS					
				La Company							
		SAMPLE	SAMPLE	SAMPLE	SAMPLE		BKG.	BKG.	RESULTS	S STD.	
DATE		COUNTS	C.T.	WT. (kg.)	CPM	EFF.	СРМ	C.I.	Bq./kg.	. DEV.	MDA
01-Apr-94	-94	1021	2	0.1136	51.1	0.0666	52.4	20	> 54		54
		1162	20	0.1136		.066		20	82	99	54
		1219	2	0.1136	1:	0.0666		20	123	H	54
		1163	20	0.1136	58.2	9990.0	52.4	20	82	99	54
02-Apr-9	-94	1106	20	0.1136	55.3	9990.0	6.05	20	63		53
		1161	20	0.1136	58.1	9990.0	6.05	20	103		53
		1158	20	0.1136	57.9	0.0666	50.9	20	100		23
05-Apr-	-94	1042	20	0.1136	52.1	0.0666	51.7	20	> 9		54
		1032		0.1136		0.0666		20	< 54		54
		1015		0.1136	50.8	0.0666	51.7	20	> 24		54
		1199		0.1136	60.09	9990.0	51.7	20	118		54
06-Apr-94	-94	1344	20	0.1136	67.2	9990.0	53.4	20	198	69	52
		1347		•		0.0666	53.4	20	200		55
		1430		0.1136	71.5	9990.0	53.4	20	260	100	52
		1388		•	69.4	0.0666	53.4	20	22	_	25
07-Apr-9	-94	1398		0.1136	69.9	0.0666	52.8	20	24		54
		1262		0.1136	63.1	0.0666	52.8	20	14	89	54
08-Apr-9	-94	1274		0.1136	63.7	0.0666	51.0	20	18:		53
		1265		0.1136	63.3	0.0666	51.0	20	17(	. 67	53
		1055				0.0666	51.0	20	> 2		53
09-Apr-94	-94	1449		0.1136	72.5	0.0666	52.0	20	29.	100	54
		1219			61.0	9990.0	52.0	20	128		54
11-Apr-94	-94	1079		0.1136	54.0	990	51.4	20	< 91		54
		1081		0.1136	54.1	0.0666	51.4	20	6 >		54
		1190		0.1136	59.5	9990.0	51.4	20	11		54
11-Apr-9	-94	1196		0.1136	59.8		50.6	20	13		53
12-Apr-94	-94	1152		0.1136	57.6	9990.0	50.6	20	10		53
		1314		.113	65.7	0.0666	50.6	20	217		53
13-Apr-9	-94	1224		0.1136	61.2	0.0666	53.9	20	10		55
		1388	20	0.1136	_	0.0666	53.9	20	222	2 70	55
		1054		0.1136	52.7	0.0666	•	20	>		55
14-Apr-94	-94	1199		0.1136	L	0.0666	51.6	20	12	99 (	54

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П	T			A CX	9	53	53	53	53	53	53	53	53	54	54	54	54	54	54	54	54	54	56	56	26	56	54	54	54	54	55	55	55	52	55	55	55
			STD.	+	.†-	99	85	89	68	89	71	99	67		99	99	99		69	19	20	70	69	89	67	68	72	99	99	99	67	69	7.1	97	100	68	68
			RESULTS	╀-		158	1195	259	254	222	398	159	187	54	74	86	73	108	231	738	263	272	125	66	60	115	376	86	26	110	82	191	288	1865	2102	150	160
	ŀ		Ī											٧				٧													_						4
			BKG.	5	•	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
			BKG.	MdC	5	50.1	۱ • ا	50.2	50.2	50.2	50.2					52.5		52.9	52.9	52.9	52.9	52.9		22.3	55.3	55.3	52.0	52.0	52.0	52.0	53.4	53.4	53.4	53.4	53.4	53.4	53.4
TS				in in		0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	•	9990.0	0.0666	0.0666	0.0666	•	0.0666	0.0666	0.0666	0.0666
æ	11 1994		SAMPLE	Man		61.1	133.5	68.3	67.9	65.7	78.0	61.3	63.3	51.3		59.3		56.6	69.0	104.4		71.9		62.2	59.5	•	78.2		58.4	59.7	59.2	66.7	73.5	183.5	200.0	63.9	64.6
OA SAMPLE	Apr		SAMPLE	WT. (kg.)	1.6w	0.1136	.11	.113	0.1136	0.1136	.113	0.1136		0.1136	.113	0.1136	0.1136	0.1136	0.1136	. 11	0.1136	0.1136	0.1136	0.1136	• 1	•	0.1136	•	0.1136	•	0.1136	0.1136	0.1136	0.1136	0.1136	•	0.1136
			SAMPLE	£	•	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20		20	
			SAMPLE	COUNTS	27.000	1222	9	1365	1358	1314	1559	1226	1265	1025	1153	1186	1152	1132	1380	2087	1425	1437	1280	1244	1189	1267	1564	1160	1168	1194	1183	1334	1469	3669	4000	1277	1291
				DATE		15-Apr-94		15-Apr-94			16-Apr-94			18-Apr-94				19-Apr-94					20-Apr-94				21-Apr-94				22-Apr-94					22-Apr-94	
				# KO	# <b>X</b>	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310

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April 1994  SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE  SAMPLE SAMPLE SAMPLE SAMPLE  SAMPLE SAMPLE SAMPLE SAMPLE  2312  2313  2314  231-Apr-94  1121  23 - Apr-94  1121  23 - Apr-94  1121  23 - Apr-94  1122  23 - Apr-94  1121  23 - Apr-94  1122  23 - Apr-94  1132  23 - Apr-94  1132  23 - Apr-94  1132  23 - Apr-94  1132  24 - Apr-94  1132  25 - Apr-94  1132  26 - Apr-94  1132  27 - Apr-94  1132  28 - Apr-94  1132  29 - Apr-94  1132  20 - Apr-94  1134  20 - Apr-94  1135  20 - Apr-94  1136  20 - Apr-94  1137  20 - Apr-94  1138  20 - Apr-94  1139  20 - Apr-94  1139  20 - Apr-94  1147  20 - Apr-94  1156  20 - Apr-94  1157  20 - Apr-94  1156  20 - Apr-94  1157  20 - Apr-94  1158  20 - Apr-94  1158  20 - Apr-94  1158  20 - Apr-94  1159  20 - Apr-94  1159  20 - Apr-94  1150  20 -					QA SAMPLE		ılts						
SAMPLE SAMPLE SAMPLE BANPLE CPM C. CPM C.T. WT. (kg., CPM EFF. CPM C.T. CPM C.T. WT. (kg., CPM EFF. CPM C.T.					Apı					-			
SAMPLE COUNTS C.T. WT.(kg.) CPM EFF. CPM C. 23-Apr-94 11994 20 0.1136 59.7 0.0666 54.1 26-Apr-94 1229 20 0.1136 51.0 0.0666 55.5 20-Apr-94 1221 20 0.1136 51.0 0.0666 55.5 20-Apr-94 1221 20 0.1136 52.8 0.0666 55.5 20-Apr-94 1224 20 0.1136 52.9 0.0666 51.4 20 0.1136 52.9 0.0666 51.4 20 0.1136 52.9 0.0666 51.4 20 0.1136 52.9 0.0666 51.4 20 0.1136 52.9 0.0666 51.4 20 0.1136 52.9 0.0666 51.4 20 0.1136 52.9 0.0666 51.4 20 0.1136 52.9 0.0666 51.4 20 0.1136 52.9 0.0666 51.0 0.1136 52.9 0.0666 51.0 0.1136 52.9 0.0666 51.0 0.1136 52.0 0.0666 51.0 0.1136 52.0 0.0666 55.0 0.1136 52.0 0.0666 55.0 0.1136 52.0 0.0666 55.0 0.1136 52.0 0.0666 55.0 0.1136 52.0 0.0666 55.0 0.1136 52.0 0.0666 55.0 0.1136 52.0 0.0666 55.0 0.1136 52.0 0.0666 55.0 0.1136 52.0 0.0666 55.0 0.1136 52.0 0.0666 55.0 0.1136 52.0 0.0666 55.0 0.1136 52.0 0.0666 55.0 0.1136 52.0 0.0666 55.0 0.1136 52.0 0.0666 55.0 0.1136 52.0 0.0666 55.0 0.1136 52.0 0.0666 53.9 0.0666 53.9 0.1136 52.0 0.0666 53.9 0.0666 53.9 0.1136 52.0 0.0666 53.9 0.1136 52.0 0.0666 53.9 0.1136 52.0 0.0666 53.9 0.1136 52.0 0.0666 53.9 0.1136 52.0 0.0666 53.9 0.1136 52.0 0.0666 53.9 0.1136 52.0 0.0666 53.9 0.1136 52.0 0.0666 53.9 0.1136 52.0 0.0666 53.9 0.1136 52.0 0.0666 53.9 0.0666 53.9 0.1136 52.0 0.0666 53.9 0.0666 53.9 0.1136 52.0 0.0666 53.9 0.0666 53.9 0.1136 52.0 0.0666 53.9 0.0666 53.9 0.0666 53.9 0.0666 53.9 0.0666 53.9 0.0666 53.9 0.0666 53.9 0.0136 63.3 0.0666 53.9 0.0666 53.9 0.0136 63.3 0.0666 53.9 0.0136 63.3 0.0666 53.9 0.0136 63.3 0.0666 53.9 0.0136 63.3 0.0666 53.9 0.0136 63.3 0.0666 53.9 0.0136 63.3 0.0666 53.9 0.0136 63.3 0.0666 53.9 0.0136 63.3 0.0666 53.9 0.0136 63.3 0.0666 53.9 0.0136 63.3 0.0666 53.9 0.0136 63.3 0.0666 53.9 0.0136 63.3 0.0666 53.9 0.0136 63.3 0.0666 53.9 0.0136 63.3 0.0666 53.9 0.0136 63.3 0.0666 53.9 0.0136 63.3 0.0666 53.9 0.0136 63.3 0.0666 53.9 0.0136 63.3 0.0666 53.9 0.0136 63.3 0.0066 53.9 0.0136 63.3 0.006										+			
DATE         SAMPLE         SAMPLE         SAMPLE         SAMPLE         SAMPLE         SAMPLE         BAMPLE         SAMPLE         SAMPLE         COUNTS         C.T.         WT. (kg.)         CPM         EFF.         CPM         C.           23-APL-94         1194         20         0.1136         59.7         0.0666         54.1         C.         54.1         C.         25.4         C.         25-APL-94         1194         20         0.1136         59.7         0.0666         54.1         25.4         25.4         25.4         25.4         25.4         25.4         25.4         25.4         25.4         25.4         25.4         25.4         25.5         25.2         25.4         25.5										$\vdash$			
DATE COUNTS C.T. WT.(kg.) CPM EFF. CPM C.  23-Apr-94 1194 20 0.1136 59.7 0.0666 54.1  25-Apr-94 1194 20 0.1136 59.7 0.0666 54.1  25-Apr-94 1192 20 0.1136 64.6 0.0666 55.5  25-Apr-94 1292 20 0.1136 64.6 0.0666 55.5  25-Apr-94 1292 20 0.1136 55.1 0.0666 55.5  27-Apr-94 1055 20 0.1136 52.8 0.0666 55.5  27-Apr-94 1056 20 0.1136 52.8 0.0666 51.4  1137 20 0.1136 55.9 0.0666 51.4  28-Apr-94 1152 20 0.1136 56.5 0.0666 51.4  1137 20 0.1136 55.2 0.0666 51.4  28-Apr-94 1157 20 0.1136 56.5 0.0666 55.0  29-Apr-94 1157 20 0.1136 57.5 0.0666 55.0  1157 20 0.1136 57.5 0.0666 55.0  29-Apr-94 1150 20 0.1136 57.5 0.0666 55.0  1157 20 0.1136 57.5 0.0666 55.0  1158 20 0.1136 57.6 0.0666 55.0  1159 20 0.1136 57.6 0.0666 55.0  1151 20 0.1136 57.6 0.0666 55.0  1152 20 0.1136 57.6 0.0666 55.0  1153 20 0.1136 57.6 0.0666 55.0  1154 20 0.1136 57.8 0.0666 55.0  1155 20 0.1136 57.8 0.0666 55.0  1156 20 0.1136 57.8 0.0666 55.0  1157 20 0.1136 57.8 0.0666 55.0  1158 20 0.1136 56.8 0.0666 57.9  1158 20 0.1136 56.8 0.0666 57.9  1158 20 0.1136 56.8 0.0666 57.9  1159 20 0.1136 67.1 0.0666 57.9  1158 20 0.1136 67.1 0.0666 57.9  1159 20 0.1136 67.1 0.0666 57.9  1159 20 0.1136 67.1 0.0666 57.9  1150 20 0.1136 67.1 0.0666 57.9  1151 20 0.1136 67.1 0.0666 57.9  1151 20 0.1136 67.1 0.0666 57.9  1152 20 0.1136 67.1 0.0666 57.9  1154 20 0.1136 67.1 0.0666 57.9  1155 20 0.1136 67.1 0.0666 57.9  1156 20 0.1136 67.1 0.0666 57.9			SAMPLE	SAMPLE	SAMPLE	SAMPLE		BKG.	BKG.		RESULTS	STD.	
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25-Apr-94 1629 20 0.1136 81.5 0.0666 50.4   26-Apr-94 1292 20 0.1136 64.6 0.0666 55.5   1055 20 0.1136 52.1 0.0666 55.5   1057 20 0.1136 52.8 0.0666 51.4   1057 20 0.1136 52.8 0.0666 51.4   1136 20 0.1136 55.2 0.0666 51.4   1137 20 0.1136 55.2 0.0666 51.4   1137 20 0.1136 55.2 0.0666 51.4   1150 20 0.1136 55.2 0.0666 51.4   1151 20 0.1136 55.2 0.0666 51.4   1152 20 0.1136 55.2 0.0666 51.2   29-Apr-94 1150 20 0.1136 57.9 0.0666 55.0   1157 20 0.1136 57.9 0.0666 55.0   29-Apr-94 1150 20 0.1136 57.9 0.0666 55.0   1152 20 0.1136 57.4 0.0666 55.0   1152 20 0.1136 57.4 0.0666 55.0   1152 20 0.1136 57.4 0.0666 55.0   1152 20 0.1136 57.4 0.0666 55.0   1152 20 0.1136 57.4 0.0666 55.0   1152 20 0.1136 57.6 0.0666 55.0   1158 20 0.1136 58.8 0.0666 55.0   1178 20 0.1136 58.8 0.0666 55.0   1178 20 0.1136 58.9 0.0666 55.0   1178 20 0.1136 58.9 0.0666 55.0   1134 20 0.1136 58.7 0.0666 53.9   1134 20 0.1136 56.7 0.0666 53.9   1135 20 0.1136 56.7 0.0666 53.9   1136 20 0.1136 56.7 0.0666 53.9   1137 20 0.1136 56.7 0.0666 53.9   1138 20 0.1136 56.7 0.0666 53.9   1139 20 0.1136 56.7 0.0666 53.9   1131 20 0.1136 65.7 0.0666 53.9	2313		1164	2	.113	8	•	4.	20	$\vdash$	59	67	
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numbers 2327 through 2336 ommitted from numbering avatem	2349		26	20	.113		.066	m	20		134	89	55
numbers 2327 through 2336 ommitted from numbering	2350			20	.113	•	.066	m	20		16	29	55
numbers 2327 through 2336 ommited from numbering		- 1	- 1		- 1								
hit teams wett perture one inches		- 1	1	2336	ı	admun mo	ring system	.em					

Appendix B

Air Sampling Results

TMA/EBERLINE-JOHNSTON ATOLL GROSS ALPHA RADIOACTIVITY IN AIR TEST RESULTS FOR THE MONTH OF FEBRUARY 1994

MANAGER

The current 10CFR PART 20 "Standards for Protection Against Radiation" limits of concentration in air for Pu-239 are as follows:

Occupational Limit = 7 E-12 uCi/ml

INSTRUMENT NO.1:

MS-2/RD-14 SN: 354/407

SITE NAME:

JOHNSTON ATOLL

CAL DUE DATE:

08/JUN/94

REPORT DATE:

MAR/01/94

INSTRUMENT NO.2:

ESP-2/43-1 SN:964/PR033568

COMPILED BY:

S. PARKER SP J. WOODS 🔎

CAL DUE DATE:

05/JUL/94

EFF INSTR NO.1 =

0.355 4 pi

EFF INSTR NO.2 =

0.258 4 pi

BKG COUNT TIMES =

50 min

50 min SAMPLE CNT TIMES =

Date Date (min) (cfm) (liters) No. Cnt (uci/ml) Dev.+/- (uci/ml) Sample Area Description  11/FEB/94 04/FEB/94 150 16.5 7.01E+04 1 5 65 2.2E-14 5.9E-15 1.9E-15 SOUTH SIDE OF S1 #7219  11/FEB/94 04/FEB/94 417 16.2 1.91E+05 1 5 46 5.4E-15 1.9E-15 6.9E-16 SOUTH SIDE OF S1 #7219  11/FEB/94 04/FEB/94 420 15.6 1.86E+05 2 2 38 6.8E-15 2.3E-16 6.2E-16 51/2 FEED BELT AREA #1082  11/FEB/94 04/FEB/94 148 17.7 7.42E+04 2 2 26 1.1E-14 4.9E-16 1.6E-15 51/2 FEED BELT AREA #1082  11/FEB/94 04/FEB/94 148 17.7 7.42E+04 2 2 47 2.8E-14 8.5E-16 2.0E-15 WEST PERIMETER #7218  11/FEB/94 04/FEB/94 133 9.2 2.94E+04 2 2 30 3.3E-14 1.3E-15 3.9E-15 DRESSER PAY LOADER #9112  11/FEB/94 04/FEB/94 133 8.7 3.28E+04 2 2 29 2.9E-14 1.2E-15 3.5E-15 DRESSER PAY LOADER #9112  11/FEB/94 04/FEB/94 131 9.2 3.41E+04 2 2 24 2.3E-14 1.0E-15 3.4E-15 DRESSER PAY LOADER #9112  11/FEB/94 04/FEB/94 131 9.2 3.60E+04 1 5 60 3.9E-14 1.1E-14 3.7E-15 DRESSER PAY LOADER #9112  11/FEB/94 04/FEB/94 131 9.2 3.60E+04 1 5 60 3.9E-14 1.1E-14 3.7E-15 DRESSER PAY LOADER #9112  11/FEB/94 04/FEB/94 131 9.2 3.60E+04 1 5 60 3.9E-14 1.1E-14 3.7E-15 DRESSER PAY LOADER #9112  11/FEB/94 04/FEB/94 131 9.2 3.61E+04 2 2 29 3.4E-14 1.5E-15 3.5E-15 DRESSER PAY LOADER #9112  11/FEB/94 04/FEB/94 131 9.2 3.60E+04 1 5 60 3.9E-14 1.1E-14 3.7E-15 DRESSER PAY LOADER #9112  11/FEB/94 04/FEB/94 131 9.2 3.60E+04 1 5 60 3.9E-14 1.1E-14 3.7E-15 DRESSER PAY LOADER #9112  11/FEB/94 04/FEB/94 131 6.4 6.41E+04 2 2 29 3.4E-14 1.5E-15 3.5E-15 SOUTH SIDE OF S1 #7219  12/FEB/94 05/FEB/94 15 16.2 1.15E+05 1 6 50 9.7E-15 3.2E-15 1.3E-15 SOUTH SIDE OF S1 #7219  12/FEB/94 05/FEB/94 15 16.2 1.15E+05 1 6 50 9.7E-15 3.2E-15 1.3E-15 SOUTH SIDE OF S1 #7219  12/FEB/94 05/FEB/94 15 16.2 1.15E+05 1 6 50 9.7E-15 3.2E-15 1.3E-15 SOUTH SIDE OF S1 #7219  12/FEB/94 05/FEB/94 15 16.6 1.68E+05 2 2 28 5.4E-15 2.2E-16 6.8E-16 5.7E-15 WEST PERIMETER #7218  12/FEB/94 05/FEB/94 15 16.2 1.15E+05 1 6 50 9.7E-15 3.2E-15 1.3E-15 SOUTH SIDE OF S1 #7219  12/FEB/94 05/FEB/94 15 16.2 1.5E+06 1 6 50 9.7E-15 3.2E-15 1.3E-15 SOUTH SIDE OF S1			Sample	Flow	Sample	Y	Gross Bkg	Gross Sample	Reported Activity	2 Std	Critical Level	
01/FEB/94  04/FEB/94  150  16.5  7.01E+04  1  5  65  2.2E+14  5.9E+15  1.9E+15  SOUTH SIDE OF S1 #7219  01/FEB/94  04/FEB/94  417  16.2  1.91E+05  1  5  46  5.4E+15  1.9E+15  SOUTH SIDE OF S1 #7219  01/FEB/94  04/FEB/94  420  15.6  1.86E+05  2  2  38  6.8E+15  2.3E+16  6.2E+16  S1/2 FED BELT AREA #1082  01/FEB/94  04/FEB/94  148  17.7  7.42E+04  2  2  26  1.1E+14  4.9E+16  1.6E+15  S1/2 FED BELT AREA #1082  01/FEB/94  04/FEB/94  148  17.7  7.42E+04  2  2  26  1.1E+14  4.9E+16  1.6E+15  S1/2 FED BELT AREA #1082  01/FEB/94  04/FEB/94  148  18.8  5.63E+04  2  2  47  2.8E+14  8.5E+16  2.0E+15  WEST PERIMETER #7218  01/FEB/94  04/FEB/94  133  8.2E+04  2  2  30  3.3E+14  5.0E+16  1.4E+15  WEST PERIMETER #7218  01/FEB/94  04/FEB/94  133  8.7  3.28E+04  2  2  29  2.9E+14  1.2E+15  3.5E+15  DRESSER PAY LOADER #9112  01/FEB/94  04/FEB/94  133  8.7  3.28E+04  2  2  29  2.9E+14  1.2E+15  3.5E+15  DRESSER PAY LOADER #9112  01/FEB/94  04/FEB/94  131  9.2  3.41E+04  2  2  24  2.3E+14  1.0E+15  3.4E+15  DRESSER PAY LOADER #9112  01/FEB/94  04/FEB/94  131  9.2  3.61E+04  2  2  24  2.3E+14  1.0E+15  3.4E+15  DRESSER PAY LOADER #9112  01/FEB/94  04/FEB/94  04/FEB/94  138  9.2  3.60E+04  1  5  60  3.9E+14  1.1E+14  3.7E+15  DRESSER PAY LOADER #9112  01/FEB/94  04/FEB/94  04/FEB/94  04/FEB/94  138  9.2  3.60E+04  1  5  60  3.9E+14  1.1E+14  3.7E+15  DRESSER PAY LOADER #9112  01/FEB/94  04/FEB/94  138  0.2  3.60E+04  1  5  60  3.9E+14  1.1E+14  3.7E+15  DRESSER PAY LOADER #9112  01/FEB/94  04/FEB/94  04/	•						-	•				Sample Area Description
01/FEB/94 04/FEB/94 150 16.5 7.01E+04 1 5 65 2.2E-14 5.9E-15 1.9E-15 SOUTH SIDE OF S1 #7219 01/FEB/94 04/FEB/94 417 16.2 1.91E+05 1 5 46 5.4E-15 1.9E-15 6.9E-16 SOUTH SIDE OF S1 #7219 01/FEB/94 04/FEB/94 420 15.6 1.86E+05 2 2 38 6.8E-15 2.3E-16 6.2E-16 S1/2 FEED BELT AREA #1082 01/FEB/94 04/FEB/94 148 17.7 7.42E+04 2 2 26 1.1E-14 4.9E-16 1.6E-15 51/2 FEED BELT AREA #1082 01/FEB/94 04/FEB/94 144 13.8 5.6SE+04 2 2 47 2.8E-14 8.5E-16 2.0E-15 WEST PERIMETER #7218 01/FEB/94 04/FEB/94 113 9.2 2.94E+04 2 2 34 1.4E-14 5.0E-16 1.4E-15 WEST PERIMETER #7218 01/FEB/94 04/FEB/94 113 9.2 2.94E+04 2 2 30 3.3E-14 1.3E-15 3.9E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 133 8.7 3.28E+04 2 2 29 2.9E-14 1.2E-15 3.5E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 131 9.2 3.41E+04 2 2 24 2.3E-14 1.0E-15 3.4E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 131 9.2 3.41E+04 2 2 24 2.3E-14 1.0E-15 3.5E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 131 9.2 3.41E+04 2 2 24 2.3E-14 1.0E-15 3.5E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 91 14.7 3.79E+04 1 5 60 3.9E-14 1.1E-14 3.7E-15 DRESSER PAY LOADER #9112 01/FEB/94 05/FEB/94 91 14.7 3.79E+04 1 5 60 3.9E-14 1.4E-15 3.5E-15 SUZI BARREL AREA #18083N 02/FEB/94 05/FEB/94 16 16.4 5.39E+04 2 2 29 3.4E-14 1.4E-15 4.1E-15 S1/2 BARREL AREA #18083N 02/FEB/94 05/FEB/94 16 16.4 5.39E+04 2 2 29 3.4E-14 1.4E-15 5.1E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 251 16.2 1.15E+05 1 6 50 9.7E-15 3.2E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 358 16.6 1.68E+05 2 2 28 5.4E-15 2.9E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 138 16.4 6.41E+04 2 5 25 1.1E-14 5.8E-16 2.8E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 138 16.6 1.68E+05 2 2 28 5.4E-15 2.9E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 358 16.6 1.68E+05 2 2 28 5.4E-15 2.9E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 358 16.6 1.68E+05 2 2 28 5.4E-15 2.9E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 358 16.6 1.68E+05 2 2 28 5.4E-15 2.9E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 358 16.6 1.68E+05 2 2 2 31 1.1E-14 5.6E-15	Date	Date	-		(titers)	NO.	CIT					
01/FEB/94  04/FEB/94  420  15.6  1.86E+05  2  2  38  6.8E+15  2.3E+16  6.2E+16  51/2 FED BELT AREA #1082  01/FEB/94  04/FEB/94  148  17.7  7.42E+04  2  2  26  1.1E+14  4.9E+16  1.6E+15  51/2 FED BELT AREA #1082  01/FEB/94  04/FEB/94  148  17.7  7.42E+04  2  2  26  1.1E+14  4.9E+16  1.6E+15  51/2 FED BELT AREA #1082  01/FEB/94  04/FEB/94  199  14.6  8.23E+04  2  2  37  1.4E+14  5.0E+16  1.6E+15  WEST PERIMETER #7218  01/FEB/94  04/FEB/94  113  9.2  2.94E+04  2  2  30  3.3E+14  1.3E+15  3.9E+15  DRESSER PAY LOADER #9112  01/FEB/94  04/FEB/94  133  8.7  3.2BE+04  2  2  29  2.9E+14  1.2E+15  3.5E+15  DRESSER PAY LOADER #9112  01/FEB/94  04/FEB/94  133  8.7  3.2BE+04  2  2  24  2.3E+14  1.3E+15  3.5E+15  DRESSER PAY LOADER #9112  01/FEB/94  04/FEB/94  131  9.2  3.41E+04  2  2  24  2.3E+14  1.0E+15  3.4E+15  DRESSER PAY LOADER #9112  01/FEB/94  04/FEB/94  138  9.2  3.60E+04  1  5  44  3.7E+14  1.3E+14  4.9E+15  DRESSER PAY LOADER #9112  01/FEB/94  04/FEB/94  138  9.2  3.60E+04  1  5  60  3.9E+14  1.1E+14  3.7E+15  DRESSER PAY LOADER #9112  01/FEB/94  04/FEB/94  138  9.2  3.60E+04  1  5  60  3.9E+14  1.1E+14  3.7E+15  DRESSER PAY LOADER #9112  01/FEB/94  04/FEB/94  67  14.8  2.81E+04  2  2  29  3.4E+14  1.4E+15  4.1E+15  51/2 BARREL AREA #18083N  02/FEB/94  05/FEB/94  05/FEB/94  521  16.2  1.15E+05  1  6  50  9.7E+15  3.2E+15  50UTH SIDE OF S1 #7219  02/FEB/94  05/FEB/94  358  16.6  6.41E+04  2  5  25  1.1E+14  5.8E+16  2.8E+15  50UTH SIDE OF S1 #7219  02/FEB/94  05/FEB/94  358  16.6  1.68E+05  2  2  28  5.4E+15  2.2E+16  6.8E+16  51/2 FED BELT AREA #1082  02/FEB/94  05/FEB/94  358  16.6  1.68E+05  2  2  35  1.5E+15  2.5E+15  50UTH SIDE OF S1 #7219  02/FEB/94  05/FEB/94  358  16.6  1.68E+05  2  2  28  5.4E+15  2.2E+15  50UTH SIDE OF S1 #7219  02/FEB/94  05/FEB/94  358  16.6  1.68E+05  2  2  35  1.5E+15  2.5E+15  50UTH SIDE OF S1 #7219  02/FEB/94  05/FEB/94  358  16.6  1.68E+05  2  2  28  5.4E+15  2.2E+16  6.8E+16  51/2 FED BELT AREA #1082  02/FEB/94  05/FEB/94  358  16.6  6.41E+04  2  2  35  1.5E+15  2.5E+15  50UTH SI	01/559/0/	0/. /EEB /0/.			7.01E+04	1	5	65	2.2E-14	5.9E-15	1.9E-15	SOUTH SIDE OF S1 #7219
01/FEB/94 04/FEB/94 148 17.7 7.42E+04 2 2 26 1.1E-14 4.9E-16 1.6E-15 S1/2 FEED BELT AREA #1082 01/FEB/94 04/FEB/94 148 17.7 7.42E+04 2 2 26 1.1E-14 4.9E-16 1.6E-15 S1/2 FEED BELT AREA #1082 01/FEB/94 04/FEB/94 199 14.6 8.23E+04 2 2 37 1.1E-14 5.0E-16 1.4E-15 WEST PERIMETER #7218 01/FEB/94 04/FEB/94 113 9.2 2.94E+04 2 2 30 3.3E-14 1.3E-15 3.9E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 133 8.7 3.28E+04 2 2 29 2.9E-14 1.2E-15 3.5E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 133 9.2 2.68E+04 1 5 44 3.7E-14 1.3E-15 3.9E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 131 9.2 3.41E+04 2 2 24 2.3E-14 1.0E-15 3.4E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 131 9.2 3.41E+04 2 2 24 2.3E-14 1.0E-15 3.4E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 138 9.2 3.60E+04 1 5 60 3.9E-14 1.1E-14 3.7E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 91 14.7 3.79E+04 1 5 45 2.7E-14 9.3E-15 3.5E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 138 9.2 3.60E+04 1 5 60 3.9E-14 1.1E-14 3.7E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 13B 9.2 3.60E+04 1 5 60 3.9E-14 1.1E-14 3.7E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 13B 9.2 3.60E+04 1 5 65 3.6E-15 S1/2 BARREL AREA #18083N 01/FEB/94 05/FEB/94 05/FEB/94 116 16.4 5.39E+04 2 2 29 3.4E-14 1.4E-15 4.1E-15 S0UTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 251 16.2 1.15E+05 1 6 50 9.7E-15 3.2E-15 1.3E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 251 16.2 1.15E+05 1 6 50 9.7E-15 3.2E-15 1.3E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 251 16.2 1.15E+05 1 6 59 9.7E-15 3.2E-15 1.3E-15 SUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 251 16.2 1.15E+05 1 6 59 9.7E-15 3.2E-15 1.3E-15 SUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 251 16.2 1.15E+05 1 6 59 9.7E-15 3.2E-15 1.3E-15 SUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 251 16.2 1.5E+05 1 6 59 9.7E-15 3.2E-15 1.3E-15 SUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 251 16.5 1.5E-10 1 6 39 7.4E-15 2.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 251 3.5 0.2E-15 3.4FE+04 2 2 2 35 1.5E-14 5.4E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 258							5	46	5.4E-15	1.9E-15	6.9E-16	SOUTH SIDE OF S1 #7219
01/FEB/94 04/FEB/94 148 17.7 7.42E+04 2 2 26 1.1E-14 4.9E-16 1.6E-15 S1/2 FEED BELT AREA #1082 01/FEB/94 04/FEB/94 144 13.8 5.63E+04 2 2 47 2.8E-14 8.5E-16 2.0E-15 WEST PERIMETER #7218 01/FEB/94 04/FEB/94 113 9.2 2.94E+04 2 2 34 1.4E-14 5.0E-16 1.4E-15 WEST PERIMETER #7218 01/FEB/94 04/FEB/94 113 9.2 2.94E+04 2 2 30 3.3E-14 1.3E-15 3.9E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 133 8.7 3.28E+04 2 2 29 2.9E-14 1.2E-15 3.5E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 131 9.2 3.41E+04 2 2 24 2.3E-14 1.0E-15 3.4E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 131 9.2 3.41E+04 2 2 24 2.3E-14 1.0E-15 3.4E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 138 9.2 3.60E+04 1 5 60 3.9E-14 1.1E-14 3.7E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 04/FEB/94 04/FEB/94 67 14.8 2.81E+04 2 2 29 3.4E-14 1.4E-15 3.5E-15 DRESSER PAY LOADER #9112 01/FEB/94 05/FEB/94 05/FEB/94 251 16.2 1.15E+05 1 6 50 9.7E-15 3.5E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 05/FEB/94 252 1 16.2 1.15E+05 1 6 50 9.7E-15 3.2E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 358 16.4 6.41E+04 2 5 25 1.1E-14 5.8E-16 2.8E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 358 16.6 1.68E+05 2 2 28 5.4E-15 2.9E-15 1.3E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 142 13.6 5.4TE+04 2 2 28 5.4E-15 2.9E-15 1.3E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 142 13.6 5.4TE+04 2 2 28 5.4E-15 2.9E-15 1.3E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 142 13.6 5.4TE+04 2 2 35 1.5E-14 5.4E-15 1.9E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 133 9.1 2.65E+04 1 3 57 2.5E-14 7.0E-15 1.9E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 133 9.1 2.65E+04 1 6 59 2.4E-14 7.2E-15 5.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 142 13.6 5.4TE+04 1 6 59 2.4E-14 7.2E-15 5.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 142 13.6 5.4TE+04 1 6 59 2.4E-14 7.2E-15 5.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 142 13.6 5.4TE+04 1 6 59 2.4E-14 7.2E-15 5.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 05/FEB/94 133 9.2 3.4TE+04 1 6 59 2.4E-14 7.2E-15 5.6E-15 DRES						2	2	38	6.8E-15	2.3E-16	6.2E-16	•
01/FEB/94 04/FEB/94 119 14.6 8.23E+04 2 2 3.4 1.4E-14 5.0E-16 1.4E-15 WEST PERIMETER #7218 01/FEB/94 04/FEB/94 113 9.2 2.94E+04 2 2 3.0 3.3E-14 1.3E-15 3.9E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 133 8.7 3.28E+04 2 2 29 2.9E-14 1.2E-15 3.5E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 133 8.7 3.28E+04 2 2 29 2.9E-14 1.2E-15 3.5E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 131 9.2 3.41E+04 2 2 24 2.3E-14 1.0E-15 3.4E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 131 9.2 3.41E+04 2 2 24 2.3E-14 1.0E-15 3.4E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 138 9.2 3.60E+04 1 5 60 3.9E-14 1.1E-14 3.7E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 04/FEB/94 91 14.7 3.79E+04 1 5 60 3.9E-14 1.1E-14 3.7E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 04/FEB/94 116 16.4 5.39Fe+04 2 2 29 3.4E-14 1.4E-15 4.1E-15 51/2 BARREL AREA #18083N 01/FEB/94 05/FEB/94 05/FEB/94 251 16.2 1.15E+05 1 6 50 9.7E-15 3.2E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 05/FEB/94 138 16.4 6.41E+04 2 5 25 1.1E-14 5.8E-16 2.8E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 05/FEB/94 138 16.6 1.68E+05 2 2 28 5.4E-15 2.9E-15 1.3E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 138 16.6 1.68E+05 2 2 28 5.4E-15 2.9E-15 1.3E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 138 16.6 1.68E+05 2 2 28 5.4E-15 2.9E-15 1.3E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 138 16.6 1.68E+05 2 2 28 5.4E-15 2.9E-15 1.3E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 12 13.6 5.47E+04 1 3 57 2.5E-14 5.4E-16 1.5E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 12 13.6 5.47E+04 1 3 57 2.5E-14 5.4E-16 1.5E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 133 9.2 3.47E+04 1 6 59 2.4E-14 7.2E-15 2.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 133 9.2 3.47E+04 1 6 59 2.4E-14 7.2E-15 2.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 33 2.8E-14 1.0E-15 3.0E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 33 2.8E-14 1.0E-15 3.0E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 14.0 3.889E+04 2 2 2 33 2.8E-14 1.0E-15 3.0	•					2	2	26	1.1E-14	4.9E-16	1.6E-15	S1/2 FEED BELT AREA #1082
01/FEB/94 04/FEB/94 113 9.2 2.94E+04 2 2 30 3.3E-14 1.3E-15 3.9E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 133 8.7 3.28E+04 2 2 29 2.9E-14 1.2E-15 3.5E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 103 9.2 2.68E+04 1 5 44 3.7E-14 1.3E-15 3.5E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 131 9.2 3.41E+04 2 2 24 2.3E-14 1.0E-15 3.4E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 131 9.2 3.41E+04 2 2 24 2.3E-14 1.0E-15 3.4E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 131 9.2 3.60E+04 1 5 60 3.9E-14 1.1E-14 3.7E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 91 14.7 3.79E+04 1 5 60 3.9E-14 1.1E-14 3.7E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 91 14.7 3.79E+04 1 5 45 2.7E-14 9.3E-15 3.5E-15 S1/2 BARREL AREA #18083N 02/FEB/94 05/FEB/94 116 16.4 5.39E+04 2 2 29 3.4E-14 1.4E-15 4.1E-15 S1/2 BARREL AREA #18083N 02/FEB/94 05/FEB/94 05/FEB/94 16 16.4 6.41E+04 2 5 25 1.1E-14 5.8E-16 2.8E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 358 16.4 6.41E+04 2 5 25 1.1E-14 5.8E-16 2.8E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 358 16.6 1.68E+05 2 2 28 5.4E-15 2.2E-16 6.8E-16 S1/2 FEB BELT AREA #1082 02/FEB/94 05/FEB/94 358 16.6 1.68E+05 2 2 28 5.4E-15 2.2E-16 6.8E-16 S1/2 FEB BELT AREA #1082 02/FEB/94 05/FEB/94 358 16.6 1.68E+05 2 2 28 5.4E-15 2.2E-16 6.8E-16 S1/2 FEB BELT AREA #1082 02/FEB/94 05/FEB/94 358 16.6 1.68E+05 2 2 28 5.4E-15 2.2E-16 6.8E-16 S1/2 FEB BELT AREA #1082 02/FEB/94 05/FEB/94 358 16.6 1.68E+05 2 2 38 5.4E-15 2.2E-16 6.8E-16 S1/2 FEB BELT AREA #1082 02/FEB/94 05/FEB/94 358 16.6 1.68E+05 2 2 38 5.4E-15 2.2E-16 6.8E-16 S1/2 FEB BELT AREA #1082 02/FEB/94 05/FEB/94 358 16.6 1.68E+05 2 2 38 5.4E-15 2.2E-16 6.8E-16 S1/2 FEB BELT AREA #1082 02/FEB/94 05/FEB/94 358 16.6 1.68E+05 2 2 38 5.4E-15 2.2E-16 6.8E-16 S1/2 FEB BELT AREA #1082 02/FEB/94 05/FEB/94 358 16.6 1.68E+05 2 2 38 5.4E-15 2.2E-16 6.8E-16 S1/2 FEB BELT AREA #1082 02/FEB/94 05/FEB/94 358 5.6E-14 1.4E-14 5.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 35.6E-16 3.8E-16 3.8E-14 1.4E-14 5.5E-15 DRESSER PAY LOADER #9112 02/FEB/94		•				2	2	47	2.8E-14	8.5E-16	2.0E-15	WEST PERIMETER #7218
01/FEB/94 04/FEB/94 133 8.7 3.28E+04 2 2 29 2.9E-14 1.2E-15 3.9E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 103 9.2 2.68E+04 1 5 44 3.7E-14 1.3E-14 4.9E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 133 9.2 2.68E+04 1 5 44 3.7E-14 1.3E-14 4.9E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 131 9.2 3.41E+04 2 2 24 2.3E-14 1.0E-15 3.4E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 138 9.2 3.60E+04 1 5 60 3.9E-14 1.1E-14 3.7E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 91 14.7 3.79E+04 1 5 60 3.9E-14 1.1E-14 3.7E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 67 14.8 2.81E+04 2 2 29 3.4E-14 1.4E-15 3.5E-15 S1/2 BARREL AREA #18083N 01/FEB/94 05/FEB/94 251 16.4 5.39E+04 2 2 32 1.9E-14 7.4E-16 2.1E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 05/FEB/94 138 16.4 6.41E+04 2 5 25 1.1E-15 2.9E-15 1.3E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 05/FEB/94 251 17.3 1.14E+05 1 6 39 7.4E-15 2.9E-15 1.3E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 05/FEB/94 251 13.6 5.47E+04 1 3 57 2.5E-14 7.0E-15 1.9E-15 SUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 05/FEB/94 258 16.6 1.68E+05 2 2 28 5.4E-15 2.2E-16 6.8E-16 S1/2 FED BELT AREA #1082 02/FEB/94 05/FEB/94 248 13.6 5.47E+04 1 3 57 2.5E-14 7.0E-15 1.9E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 05/FEB/94 248 13.6 9.55E+04 2 2 31 1.1E-14 4.1E-16 1.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 05/FEB/94 39 9.0 2.50E+04 1 6 46 3.8E-14 1.4E-15 2.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 39 9.0 2.50E+04 1 6 46 3.8E-14 1.4E-15 2.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 1 6 54 3.5E-14 1.1E-14 4.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 1 6 54 3.5E-14 1.1E-14 4.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 1 6 54 3.5E-14 1.1E-14 4.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 1 6 54 3.5E-14 1.1E-14 4.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 1 6 54 3.5E-14 1.1E-14 5.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 33 2.8		•				2	2	34	1.4E-14	5.0E-16	1.4E-15	WEST PERIMETER #7218
01/FEB/94 04/FEB/94 133 8.7 3.28E+04 2 2 29 2.9E-14 1.2E-15 3.5E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 131 9.2 3.41E+04 2 2 24 2.3E-14 1.0E-15 3.4E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 131 9.2 3.41E+04 2 2 24 2.3E-14 1.0E-15 3.4E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 138 9.2 3.60E+04 1 5 60 3.9E-14 1.1E-14 3.7E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 91 14.7 3.79E+04 1 5 45 2.7E-14 9.3E-15 3.5E-15 51/2 BARREL AREA #18083N 01/FEB/94 04/FEB/94 04/FEB/94 67 14.8 2.81E+04 2 2 29 3.4E-14 1.4E-15 4.1E-15 51/2 BARREL AREA #18083N 02/FEB/94 05/FEB/94 116 16.4 5.39E+04 2 2 33 1.9E-14 7.4E-16 2.1E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 251 16.2 1.15E+05 1 6 50 9.7E-15 3.2E-15 1.3E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 232 17.3 1.14E+05 1 6 39 7.4E-15 2.9E-15 1.3E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 358 16.6 1.68E+05 2 2 28 5.4E-15 2.2E-16 6.8E-16 51/2 FEED BELT AREA #1082 02/FEB/94 05/FEB/94 142 13.6 5.47E+04 1 3 57 2.5E-14 7.0E-15 1.9E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 05/FEB/94 142 13.6 5.47E+04 1 3 57 2.5E-14 7.0E-15 1.9E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 248 13.6 9.55E+04 2 2 31 1.1E-14 4.1E-16 1.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 251 8.8 5.61E+04 1 6 46 3.8E-14 1.4E-16 5.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 31 3.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 31 3.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 1 6 54 3.5E-14 1.4E-16 5.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 31 2.7E-14 1.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 1 6 54 3.5E-14 1.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 1 6 54 3.5E-14 1.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 1 6 54 3.5E-14 1.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 31 2.7E-14 1.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 14.0 3.889E+04 2 2 33 2.8E-14 1.0E-15 3.0E-						2	2	30	3.3E-14	1.3E-15	3.9E-15	
01/FEB/94  04/FEB/94  131  9.2  3.41E+04  2  2  24  2.3E-14  1.0E-15  3.4E-15  DRESSER PAY LOADER #9112  01/FEB/94  04/FEB/94  131  9.2  3.41E+04  2  2  24  2.3E-14  1.0E-15  3.4E-15  DRESSER PAY LOADER #9112  01/FEB/94  04/FEB/94  138  9.2  3.60E+04  1  5  60  3.9E-14  1.1E-14  3.7E-15  DRESSER PAY LOADER #9112  01/FEB/94  04/FEB/94  91  14.7  3.79E+04  1  5  45  2.7E-14  9.3E-15  3.5E-15  51/2 BARREL AREA #18083N  01/FEB/94  04/FEB/94  67  14.8  2.81E+04  2  2  29  3.4E-14  1.4E-15  4.1E-15  51/2 BARREL AREA #18083N  02/FEB/94  05/FEB/94  251  16.2  1.15E+05  1  6  50  9.7E-15  3.2E-15  50UTH SIDE OF S1 #7219  02/FEB/94  05/FEB/94  232  17.3  1.14E+05  1  6  39  7.4E-15  2.9E-15  1.3E-15  51/2 FEED BELT AREA #1082  02/FEB/94  05/FEB/94  358  16.6  1.68E+05  2  2  28  5.4E-15  2.2E-16  6.8E-16  51/2 FEED BELT AREA #1082  02/FEB/94  05/FEB/94  142  13.6  5.47E+04  1  3  57  2.5E-14  7.0E-15  1.9E-15  WEST PERIMETER #7218  02/FEB/94  05/FEB/94  05/FEB/94  199  13.8  7.78E+04  2  2  35  1.5E-14  5.4E-16  1.5E-15  WEST PERIMETER #7218  02/FEB/94  05/FEB/94  05/FEB/94  103  9.1  2.65E+04  1  6  46  3.8E-14  1.4E-14  5.5E-15  DRESSER PAY LOADER #9112  02/FEB/94  05/FEB/94  98  9.0  2.50E+04  2  2  31  1.1E-14  4.2E-15  DRESSER PAY LOADER #9112  02/FEB/94  05/FEB/94  98  9.0  2.50E+04  2  2  31  2.7E-14  1.3E-15  51/2 BARREL AREA #1083N  12/FEB/94  05/FEB/94  98  9.0  2.50E+04  2  2  31  2.7E-14  1.3E-15  2.6E-15  DRESSER PAY LOADER #9112  02/FEB/94  05/FEB/94  98  9.0  2.50E+04  2  2  31  2.7E-14  1.3E-15  2.6E-15  DRESSER PAY LOADER #9112  02/FEB/94  05/FEB/94  98  9.0  2.50E+04  2  2  31  2.7E-14  1.3E-15  3.0E-15  DRESSER PAY LOADER #9112  02/FEB/94  05/FEB/94  98  9.0  2.50E+04  2  2  33  2.8E-14  1.1E-14  4.2E-15  DRESSER PAY LOADER #9112  02/FEB/94  05/FEB/94  98  9.0  2.50E+04  2  2  31  2.7E-14  1.3E-15  3.0E-15  51/2 BARREL AREA #18083N  12/2 BARREL AREA						2	2	29	2.9E-14	1.2E-15	3.5E-15	DRESSER PAY LOADER #9112
01/FEB/94  04/FEB/94  131  9.2  3.41E+04  2  2  24  2.3E-14  1.0E-15  3.4E-15  DRESSER PAY LOADER #9112  01/FEB/94  04/FEB/94  138  9.2  3.60E+04  1  5  60  3.9E-14  1.1E-14  3.7E-15  DRESSER PAY LOADER #9112  01/FEB/94  04/FEB/94  91  14.7  3.79E+04  1  5  45  2.7E-14  9.3E-15  3.5E-15  51/2 BARREL AREA #18083N  01/FEB/94  04/FEB/94  67  14.8  2.81E+04  2  2  29  3.4E-14  1.4E-15  4.1E-15  51/2 BARREL AREA #18083N  02/FEB/94  05/FEB/94  251  16.4  5.39E+04  2  2  32  1.9E-14  7.4E-16  2.1E-15  SOUTH SIDE OF S1 #7219  02/FEB/94  05/FEB/94  251  16.2  1.15E+05  1  6  50  9.7E-15  3.2E-15  1.3E-15  SOUTH SIDE OF S1 #7219  02/FEB/94  05/FEB/94  232  17.3  1.14E+05  1  6  39  7.4E-15  2.9E-15  1.3E-15  SOUTH SIDE OF S1 #7219  02/FEB/94  05/FEB/94  358  16.6  1.68E+05  2  2  28  5.4E-15  2.2E-16  6.8E-16  S1/2 FEED BELT AREA #1082  02/FEB/94  05/FEB/94  142  13.6  5.47E+04  1  3  57  2.5E-14  7.0E-15  1.9E-15  WEST PERIMETER #7218  02/FEB/94  05/FEB/94  133  9.1  2.65E+04  1  6  46  3.8E-14  1.4E-16  1.2E-15  DRESSER PAY LOADER #9112  02/FEB/94  05/FEB/94  133  9.2  3.47E+04  1  6  59  2.4E-14  7.2E-15  DRESSER PAY LOADER #9112  02/FEB/94  05/FEB/94  98  9.0  2.50E+04  2  2  33  3.8E-14  1.1E-14  4.2E-15  DRESSER PAY LOADER #9112  02/FEB/94  05/FEB/94  98  9.0  2.50E+04  2  2  33  3.8E-14  1.1E-14  4.2E-15  DRESSER PAY LOADER #9112  02/FEB/94  05/FEB/94  98  9.0  2.50E+04  2  2  33  3.8E-14  1.1E-14  4.2E-15  DRESSER PAY LOADER #9112  02/FEB/94  05/FEB/94  98  9.0  2.50E+04  2  2  33  3.8E-14  1.1E-14  4.2E-15  DRESSER PAY LOADER #9112  02/FEB/94  05/FEB/94  98  9.0  2.50E+04  2  2  33  3.8E-14  1.1E-14  4.2E-15  DRESSER PAY LOADER #9112  02/FEB/94  05/FEB/94  98  9.0  2.50E+04  2  2  33  3.8E-14  1.1E-14  4.2E-15  DRESSER PAY LOADER #9112  02/FEB/94  05/FEB/94  98  9.0  2.50E+04  2  2  33  3.8E-14  1.1E-14  4.2E-15  DRESSER PAY LOADER #9112  02/FEB/94  05/FEB/94  98  9.0  2.50E+04  2  2  33  3.8E-14  1.1E-14  4.2E-15  DRESSER PAY LOADER #9112  02/FEB/94  05/FEB/94  98  14.0  3.89E+04  2  2  33  3.8E-14  1.1E-14  5.						1	5	44	3.7E-14	1.3E-14	4.9E-15	
01/FEB/94 04/FEB/94 138 9.2 3.60E+04 1 5 60 3.9E-14 1.1E-14 3.7E-15 DRESSER PAY LOADER #9112 01/FEB/94 04/FEB/94 91 14.7 3.79E+04 1 5 45 2.7E-14 9.3E-15 3.5E-15 \$1/2 BARREL AREA #18083N 01/FEB/94 04/FEB/94 67 14.8 2.81E+04 2 2 29 3.4E-14 1.4E-15 4.1E-15 \$1/2 BARREL AREA #18083N 02/FEB/94 05/FEB/94 116 16.4 5.39E+04 2 2 32 1.9E-14 7.4E-16 2.1E-15 SOUTH SIDE OF \$1 #7219 02/FEB/94 05/FEB/94 251 16.2 1.15E+05 1 6 50 9.7E-15 3.2E-15 1.3E-15 SOUTH SIDE OF \$1 #7219 02/FEB/94 05/FEB/94 05/FEB/94 138 16.4 6.41E+04 2 5 25 1.1E-14 5.8E-16 2.8E-15 SOUTH SIDE OF \$1 #7219 02/FEB/94 05/FEB/94 232 17.3 1.14E+05 1 6 39 7.4E-15 2.9E-15 1.3E-15 SOUTH SIDE OF \$1 #7219 02/FEB/94 05/FEB/94 358 16.6 1.68E+05 2 2 28 5.4E-15 2.2E-16 6.8E-16 \$1/2 FED BELT AREA #1082 02/FEB/94 05/FEB/94 05/FEB/94 142 13.6 5.47E+04 1 3 57 2.5E-14 7.0E-15 1.9E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 05/FEB/94 103 9.1 2.65E+04 2 2 31 1.1E-14 4.1E-16 1.2E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 05/FEB/94 103 9.1 2.65E+04 1 6 46 3.8E-14 1.4E-16 5.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 31 3.5E-14 1.1E-14 4.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 33 2.8E-14 1.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 31 2.7E-14 1.3E-15 4.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 31 2.7E-14 1.3E-15 5.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 31 2.7E-14 1.3E-15 5.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 31 2.7E-14 1.3E-15 5.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 31 2.7E-14 1.3E-15 5.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 31 2.7E-14 1.5E-15 5.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 31 2.7E-14 1.5E-15 5.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 31 2.7E-14 1.5E-15 5.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 05/FEB/94 98 14.0 3.89E+04 2 2 31 2.7E-14 1.5E-15 5.2E-15 5.1	-					2	2	24	2.3E-14	1.0E-15	3.4E-15	
01/FEB/94 04/FEB/94 91 14.7 3.79E+04 1 5 45 2.7E-14 9.3E-15 3.5E-15 S1/2 BARREL AREA #18083N 01/FEB/94 04/FEB/94 67 14.8 2.81E+04 2 2 29 3.4E-14 1.4E-15 4.1E-15 S1/2 BARREL AREA #18083N 02/FEB/94 05/FEB/94 116 16.4 5.39E+04 2 2 32 1.9E-14 7.4E-16 2.1E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 251 16.2 1.15E+05 1 6 50 9.7E-15 3.2E-15 1.3E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 138 16.4 6.41E+04 2 5 25 1.1E-14 5.8E-16 2.8E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 232 17.3 1.14E+05 1 6 39 7.4E-15 2.9E-15 1.3E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 358 16.6 1.68E+05 2 2 28 5.4E-15 2.2E-16 6.8E-16 S1/2 FEED BELT AREA #1082 02/FEB/94 05/FEB/94 142 13.6 5.47E+04 1 3 57 2.5E-14 7.0E-15 1.9E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 05/FEB/94 199 13.8 7.78E+04 2 2 35 1.5E-14 5.4E-16 1.5E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 05/FEB/94 103 9.1 2.65E+04 1 6 46 3.8E-14 1.4E-16 1.2E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 05/FEB/94 133 9.2 3.47E+04 1 6 59 2.4E-14 7.2E-15 2.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 11 2.7E-14 1.3E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 13 2.7E-14 1.3E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 14.0 3.89E+04 2 2 13 2.7E-14 1.3E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 14.0 3.89E+04 2 2 12.7E-14 1.3E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 14.0 3.89E+04 2 2 13 2.7E-14 1.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 14.0 3.89E+04 2 2 12.7E-14 1.3E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 14.0 3.89E+04 2 2 13 2.7E-14 1.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 05/FEB/94 98 14.0 3.89E+04 2 2 12.7E-14 1.5E-15 DRESSER PAY LOADER #18083N					3.60E+04	1	5	60	3.9E-14	1.1E-14	3.7E-15	
01/FEB/94 04/FEB/94 67 14.8 2.81E+04 2 2 29 3.4E-14 1.4E-15 4.1E-15 S1/2 BARREL AREA #18083N 02/FEB/94 05/FEB/94 116 16.4 5.39E+04 2 2 32 1.9E-14 7.4E-16 2.1E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 251 16.2 1.15E+05 1 6 50 9.7E-15 3.2E-15 1.3E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 138 16.4 6.41E+04 2 5 25 1.1E-14 5.8E-16 2.8E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 232 17.3 1.14E+05 1 6 39 7.4E-15 2.9E-15 1.3E-15 S1/2 FEED BELT AREA #1082 02/FEB/94 05/FEB/94 358 16.6 1.68E+05 2 2 28 5.4E-15 2.2E-16 6.8E-16 S1/2 FEED BELT AREA #1082 02/FEB/94 05/FEB/94 142 13.6 5.47E+04 1 3 57 2.5E-14 7.0E-15 1.9E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 05/FEB/94 199 13.8 7.78E+04 2 2 35 1.5E-14 5.4E-16 1.5E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 05/FEB/94 248 13.6 9.55E+04 2 2 31 1.1E-14 4.1E-16 1.2E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 05/FEB/94 103 9.1 2.65E+04 1 6 46 3.8E-14 1.4E-14 5.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 133 9.2 3.47E+04 1 6 59 2.4E-14 7.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 1 2.7E-14 1.3E-15 3.0E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 1 2.7E-14 1.3E-15 3.0E-15 S1/2 BARREL AREA #18083N 15/4 1.4E-14 5.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 14.0 3.89E+04 2 2 33 2.8E-14 1.0E-15 3.0E-15 S1/2 BARREL AREA #18083N 15/4 1/4E-14 5.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 14.0 3.89E+04 2 2 33 2.8E-14 1.0E-15 3.0E-15 S1/2 BARREL AREA #18083N 15/4 1/4E-14 5.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 14.0 3.89E+04 2 2 33 2.8E-14 1.0E-15 3.0E-15 S1/2 BARREL AREA #18083N 15/4 1/4E-14 5.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 14.0 3.89E+04 2 2 33 2.8E-14 1.0E-15 3.0E-15 S1/2 BARREL AREA #18083N 15/4 1/4E-14 5.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 05/FEB/94 98 14.0 3.89E+04 2 2 33 2.8E-14 1.0E-15 3.0E-15 S1/2 BARREL AREA #18083N 15/4 1/4E-14 5.5E-15 S1/2 BARREL AREA #18083N 15/4 1/4E-14 5.5E-15 S1/2 BARREL AREA #18083N 15/4 1/4E-14 5.5E-15 S1/2 BARR					3.79E+04	1	5	45	2.7E-14	9.3E-15	3.5E-15	
02/FEB/94 05/FEB/94 116 16.4 5.39E+04 2 2 32 1.9E-14 7.4E-16 2.1E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 251 16.2 1.15E+05 1 6 50 9.7E-15 3.2E-15 1.3E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 138 16.4 6.41E+04 2 5 25 1.1E-14 5.8E-16 2.8E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 232 17.3 1.14E+05 1 6 39 7.4E-15 2.9E-15 1.3E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 358 16.6 1.68E+05 2 2 28 5.4E-15 2.2E-16 6.8E-16 S1/2 FEED BELT AREA #1082 02/FEB/94 05/FEB/94 142 13.6 5.47E+04 1 3 57 2.5E-14 7.0E-15 1.9E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 199 13.8 7.78E+04 2 2 35 1.5E-14 5.4E-16 1.5E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 248 13.6 9.55E+04 2 2 31 1.1E-14 4.1E-16 1.2E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 103 9.1 2.65E+04 1 6 46 3.8E-14 1.4E-14 5.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 133 9.2 3.47E+04 1 6 54 3.5E-14 1.1E-14 4.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 33 3.5E-14 1.1E-14 4.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 33 2.8E-14 1.0E-15 3.0E-15 S1/2 BARREL AREA #18083N 02/FEB/94 05/FEB/94 98 14.0 3.889E+04 2 2 33 2.8E-14 1.0E-15 3.0E-15 S1/2 BARREL AREA #18083N				14.8	2.81E+04	2	2	29	3.4E-14	1.4E-15	4.1E-15	
02/FEB/94 05/FEB/94 251 16.2 1.15E+05 1 6 50 9.7E-15 3.2E-15 1.3E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 138 16.4 6.41E+04 2 5 25 1.1E-14 5.8E-16 2.8E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 232 17.3 1.14E+05 1 6 39 7.4E-15 2.9E-15 1.3E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 358 16.6 1.68E+05 2 2 28 5.4E-15 2.2E-16 6.8E-16 S1/2 FEED BELT AREA #1082 02/FEB/94 05/FEB/94 142 13.6 5.47E+04 1 3 57 2.5E-14 7.0E-15 1.9E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 199 13.8 7.78E+04 2 2 35 1.5E-14 5.4E-16 1.5E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 248 13.6 9.55E+04 2 2 31 1.1E-14 4.1E-16 1.2E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 05/FEB/94 225 8.8 5.61E+04 1 6 46 3.8E-14 1.4E-14 5.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 133 9.2 3.47E+04 1 6 54 3.5E-14 1.1E-14 4.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 33 2.8E-14 1.0E-15 3.0E-15 S1/2 BARREL AREA #18083N 02/FEB/94 05/FEB/94 98 14.0 3.89E+04 2 2 33 2.8E-14 1.0E-15 5.1/2 BARREL AREA #18083N			116	16.4	5.39E+04	2	2	32	1.9E-14	7.4E-16	2.1E-15	
02/FEB/94 05/FEB/94 232 17.3 1.14E+05 1 6 39 7.4E-15 2.9E-15 1.3E-15 SOUTH SIDE OF S1 #7219 02/FEB/94 05/FEB/94 232 17.3 1.14E+05 1 6 39 7.4E-15 2.9E-15 1.3E-15 S1/2 FEED BELT AREA #1082 02/FEB/94 05/FEB/94 358 16.6 1.68E+05 2 2 28 5.4E-15 2.2E-16 6.8E-16 S1/2 FEED BELT AREA #1082 02/FEB/94 05/FEB/94 142 13.6 5.47E+04 1 3 57 2.5E-14 7.0E-15 1.9E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 199 13.8 7.78E+04 2 2 35 1.5E-14 5.4E-16 1.5E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 248 13.6 9.55E+04 2 2 31 1.1E-14 4.1E-16 1.2E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 103 9.1 2.65E+04 1 6 46 3.8E-14 1.4E-14 5.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 133 9.2 3.47E+04 1 6 59 2.4E-14 7.2E-15 2.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 31 2.7E-14 1.3E-15 4.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 33 2.8E-14 1.0E-15 3.0E-15 S1/2 BARREL AREA #18083N				16.2	1.15E+05	1	6	50	9.7E-15	3.2E-15	1.3E-15	
02/FEB/94 05/FEB/94 232 17.3 1.14E+05 1 6 39 7.4E-15 2.9E-15 1.3E-15 S1/2 FEED BELT AREA #1082 02/FEB/94 05/FEB/94 358 16.6 1.68E+05 2 2 28 5.4E-15 2.2E-16 6.8E-16 S1/2 FEED BELT AREA #1082 02/FEB/94 05/FEB/94 142 13.6 5.47E+04 1 3 57 2.5E-14 7.0E-15 1.9E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 199 13.8 7.78E+04 2 2 35 1.5E-14 5.4E-16 1.5E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 248 13.6 9.55E+04 2 2 31 1.1E-14 4.1E-16 1.2E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 103 9.1 2.65E+04 1 6 46 3.8E-14 1.4E-14 5.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 05/FEB/94 133 9.2 3.47E+04 1 6 59 2.4E-14 7.2E-15 2.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 31 3.5E-14 1.1E-14 4.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 31 2.7E-14 1.3E-15 4.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 14.0 3.89E+04 2 2 33 2.8E-14 1.0E-15 3.0E-15 S1/2 BARREL AREA #18083N				16.4	6.41E+04	2	5	25	1.1E-14	5.8E-16	2.8E-15	
02/FEB/94 05/FEB/94 358 16.6 1.68E+05 2 2 28 5.4E-15 2.2E-16 6.8E-16 S1/2 FEED BELT AREA #1082 02/FEB/94 05/FEB/94 142 13.6 5.47E+04 1 3 57 2.5E-14 7.0E-15 1.9E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 199 13.8 7.78E+04 2 2 35 1.5E-14 5.4E-16 1.5E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 248 13.6 9.55E+04 2 2 31 1.1E-14 4.1E-16 1.2E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 103 9.1 2.65E+04 1 6 46 3.8E-14 1.4E-14 5.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 225 8.8 5.61E+04 1 6 59 2.4E-14 7.2E-15 2.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 133 9.2 3.47E+04 1 6 54 3.5E-14 1.1E-14 4.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 21 2.7E-14 1.3E-15 4.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 14.0 3.89E+04 2 2 33 2.8E-14 1.0E-15 3.0E-15 S1/2 BARREL AREA #18083N				17.3	1.14E+05	1	6	39	7.4E-15	2.9E-15	1.3E-15	
02/FEB/94 05/FEB/94 142 13.6 5.47E+04 1 3 57 2.5E-14 7.0E-15 1.9E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 199 13.8 7.78E+04 2 2 35 1.5E-14 5.4E-16 1.5E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 248 13.6 9.55E+04 2 2 31 1.1E-14 4.1E-16 1.2E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 103 9.1 2.65E+04 1 6 46 3.8E-14 1.4E-14 5.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 225 8.8 5.61E+04 1 6 59 2.4E-14 7.2E-15 2.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 133 9.2 3.47E+04 1 6 54 3.5E-14 1.1E-14 4.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 21 2.7E-14 1.3E-15 4.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 14.0 3.89E+04 2 2 33 2.8E-14 1.0E-15 3.0E-15 S1/2 BARREL AREA #18083N				16.6	1.68E+05	2	2	28	5.4E-15	2.2E-16	6.8E-16	
02/FEB/94 05/FEB/94 199 13.8 7.78E+04 2 2 35 1.5E-14 5.4E-16 1.5E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 248 13.6 9.55E+04 2 2 31 1.1E-14 4.1E-16 1.2E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 103 9.1 2.65E+04 1 6 46 3.8E-14 1.4E-14 5.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 225 8.8 5.61E+04 1 6 59 2.4E-14 7.2E-15 2.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 133 9.2 3.47E+04 1 6 54 3.5E-14 1.1E-14 4.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 21 2.7E-14 1.3E-15 4.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 14.0 3.89E+04 2 2 33 2.8E-14 1.0E-15 3.0E-15 S1/2 BARREL AREA #18083N				13.6	5.47E+04	1	3	57	2.5E-14	7.0E-15	1.9E-15	
02/FEB/94 05/FEB/94 248 13.6 9.55E+04 2 2 31 1.1E-14 4.1E-16 1.2E-15 WEST PERIMETER #7218 02/FEB/94 05/FEB/94 103 9.1 2.65E+04 1 6 46 3.8E-14 1.4E-14 5.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 225 8.8 5.61E+04 1 6 59 2.4E-14 7.2E-15 2.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 133 9.2 3.47E+04 1 6 54 3.5E-14 1.1E-14 4.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 21 2.7E-14 1.3E-15 4.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 14.0 3.89E+04 2 2 33 2.8E-14 1.0E-15 3.0E-15 S1/2 BARREL AREA #18083N			199	13.8	7.78E+04	2	2	35	1.5E-14	5.4E-16	1.5E-15	
02/FEB/94 05/FEB/94 103 9.1 2.65E+04 1 6 46 3.8E-14 1.4E-14 5.5E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 225 8.8 5.61E+04 1 6 59 2.4E-14 7.2E-15 2.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 133 9.2 3.47E+04 1 6 54 3.5E-14 1.1E-14 4.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 21 2.7E-14 1.3E-15 4.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 14.0 3.89E+04 2 2 33 2.8E-14 1.0E-15 3.0E-15 S1/2 BARREL AREA #18083N			248	13.6	9.55E+04	2	2	31	1.1E-14	4.1E-16	1.2E-15	
02/FEB/94 05/FEB/94 225 8.8 5.61E+04 1 6 59 2.4E-14 7.2E-15 2.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 133 9.2 3.47E+04 1 6 54 3.5E-14 1.1E-14 4.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 21 2.7E-14 1.3E-15 4.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 14.0 3.89E+04 2 2 33 2.8E-14 1.0E-15 3.0E-15 S1/2 BARREL AREA #18083N			103	9.1	2.65E+04	1	6	46	3.8E-14	1.4E-14	5.5E-15	
02/FEB/94 05/FEB/94 133 9.2 3.47E+04 1 6 54 3.5E-14 1.1E-14 4.2E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 21 2.7E-14 1.3E-15 4.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 14.0 3.89E+04 2 2 33 2.8E-14 1.0E-15 3.0E-15 S1/2 BARREL AREA #18083N			225	8.8	5.61E+04	1	6	59	2.4E-14	7.2E-15	2.6E-15	
02/FEB/94 05/FEB/94 98 9.0 2.50E+04 2 2 21 2.7E-14 1.3E-15 4.6E-15 DRESSER PAY LOADER #9112 02/FEB/94 05/FEB/94 98 14.0 3.89E+04 2 2 33 2.8E-14 1.0E-15 3.0E-15 S1/2 BARREL AREA #18083N		•	133	9.2	3.47E+04	1	6	54	3.5E-14	1.1E-14	4.2E-15	
02/FEB/94 05/FEB/94 98 14.0 3.89E+04 2 2 33 2.8E-14 1.0E-15 3.0E-15 S1/2 BARREL AREA #18083N			98	9.0	2.50E+04	2	2	21	2.7E-14	1.3E-15	4.6E-15	
T/ / T 1/ 5 25-15 C1/2 RAPPEL AREA #18083N			98	14.0	3.89E+04	2	2	33	2.8E-14	1.0E-15	3.0E-15	
VE/TED/74 UJ/TED/74 UT 14.5 E-T/E-V	02/FEB/94	05/FEB/94	69	14.3	2.79E+04	1	6	54	4.4E-14	1.4E-14	5.2E-15	S1/2 BARREL AREA #18083N

file name: arpt0294.wr1

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		Sample	Flow	Sample		Gross	Gross	Reported		Critical	
Sample	Count	Time	Rate	Volume	Instr	Bkg	Sample	Activity	2 Std	Level	
Date	Date	(min)	(cfm)	(liters)	No.	Cnt	Cnt	(uCi/ml)	Dev.+/-	(uCi/ml)	Sample Area Description
02/FEB/94	07/FEB/94	78	14.8	3.27E+04	1	3	43	3.1E-14	1.0E-14	3.1E-15	S1/2 BARREL AREA #18083N
03/FEB/94	07/FEB/94	320	16.4	1.49E+05	3	3	52	8.4E-15	2.5E-15	6.9E-16	SOUTH SIDE OF S1 #7219
03/FEB/94	07/FEB/94	178	15.7	7.91E+04	2	5	32	1.2E-14	5.3E-16	2.3E-15	SOUTH SIDE OF S1 #7219
03/FEB/94	07/FEB/94	495	15.5	2.17E+05	2	5	34	4.7E-15	2.0E-16	8.4E-16	S1/2 FEED BELT AREA #1082
03/FEB/94	07/FEB/94	146	13.5	5.58E+04	1	3	47	2.0E-14	6.3E-15	1.8E-15	WEST PERIMETER #7218
03/FEB/94	07/FEB/94	178	13.6	6.86E+04	1	3	47	1.6E-14	5.1E-15	1.5E-15	WEST PERIMETER #7218
03/FEB/94	07/FEB/94	173	13.5	6.61E+04	1	3	46	1.6E-14	5.3E-15	1.6E-15	WEST PERIMETER #7218
03/FEB/94	07/FEB/94	95	9.0	2.42E+04	2	5	34	4.2E-14	1.8E-15	7.5E-15	DRESSER PAY LOADER #9112
03/FEB/94	07/FEB/94	195	8.7	4.80E+04	1	3	55	2.7E-14	7.9E-15	2.1E-15	DRESSER PAY LOADER #9112
03/FEB/94	07/FEB/94	93	8.7	2.29E+04	2	5	28	3.5E-14	1.7E-15	8.0E-15	DRESSER PAY LOADER #9112
03/FEB/94	07/FEB/94	138	9.3	3.63E+04	2	5	26	2.0E-14	1.0E-15	5.0E-15	DRESSER PAY LOADER #9112
03/FEB/94	07/FEB/94	154	14.3	6.24E+04	. 2	5	31	1.5E-14	6.6E-16	2.9E-15	S1/2 BARREL AREA #18083N
03/FEB/94	07/FEB/94	84	14.0	3.33E+04	1	3	46	3.3E-14	1.0E-14	3.1E-15	S1/2 BARREL AREA #18083N
04/FEB/94	08/FEB/94	212	16.4	9.85E+04	1	4	37	8.5E-15	3.2E-15	1.2E-15	SOUTH SIDE OF \$1 #7219
04/FEB/94	08/FEB/94	509	16.2	2.34E+05	2	6	29	3.4E-15	1.7E-16	8.5E-16	SOUTH SIDE OF \$1 #7219
04/FEB/94	08/FEB/94	211	16.5	9.86E+04	2	6	32	9.2E-15	4.3E-16	2.0E-15	S1/2 FEED BELT AREA #1082
04/FEB/94	08/FEB/94	392	17.1	1.90E+05	1	4	44	5.3E-15	1.8E-15	6.2E-16	S1/2 FEED BELT AREA #1082
04/FEB/94	08/FEB/94	271	13.1	1.01E+05	2	6	41	1.2E-14	4.7E-16	2.0E-15	WEST PERIMETER #7218
04/FEB/94	08/FEB/94	210	13.4	7.97E+04	1	4	50	1.5E-14	4.6E-15	1.5E-15	WEST PERIMETER #7218
04/FEB/94	08/FEB/94	121	13.3	4.56E+04	2	6	25	1.5E-14	8.4E-16	4.4E-15	WEST PERIMETER #7218
04/FEB/94	08/FEB/94	101	13.8	3.95E+04	2	6	30	2.1E-14	1.0E-15	5.1E-15	S1/2 BARREL AREA #18083N
04/FEB/94	08/FEB/94	102	14.3	4.13E+04	1	4	35	1.9E-14	7.5E-15	2.9E-15	S1/2 BARREL AREA #18083N
04/FEB/94	08/FEB/94	124	8.4	2.95E+04	1	4	46	3.6E-14	1.2E-14	4.0E-15	DRESSER PAY LOADER #9112
04/FEB/94	08/FEB/94	118	8.8	2.94E+04	2	6	38	3.8E-14	1.5E-15	6.8E-15	DRESSER PAY LOADER #9112
04/FEB/94	08/FEB/94	146	8.7	3.60E+04	2	6	29	2.2E-14	1.1E-15	5.5E-15	DRESSER PAY LOADER #9112
05/FEB/94	09/FEB/94	273	16.4	1.27E+05	2	4	31	7.4E-15	3.2E-16	1.3E-15	SOUTH SIDE OF \$1 #7219
05/FEB/94	09/FEB/94	275	17.2	1.34E+05	1	6	53	8.9E-15	2.9E-15	1.1E-15	S1/2 FEED BELT AREA #1082
05/FEB/94	09/FEB/94	88	13.7	3.41E+04	1	6	42	2.7E-14	1.0E-14	4.2E-15	WEST PERIMETER #7218
05/FEB/94	09/FEB/94	126	13.5	4.82E+04	1	6	42	1.9E-14	7.2E-15	3.0E-15	WEST PERIMETER #7218
05/FEB/94	09/FEB/94	94	8.9	2.37E+04	1	6	52	4.9E-14	1.6E-14	6.1E-15	DRESSER PAY LOADER #9112
05/FEB/94	09/FEB/94	50	8.8	1.25E+04	2	4	31	7.6E-14	3.2E-15	1.3E-14	DRESSER PAY LOADER #9112
05/FEB/94	09/FEB/94	170	8.8	4.24E+04	1	6	47	2.5E-14	8.5E-15	3.4E-15	DRESSER PAY LOADER #9112
05/FEB/94	09/FEB/94	122	8.7	3.01E+04	2	4	25	2.4E-14	1.2E-15	5.4E-15	DRESSER PAY LOADER #9112
05/FEB/94	09/FEB/94	58	14.3	2.35E+04	2	4	40	5.4E-14	1.9E-15	6.9E-15	S1/2 BARREL AREA #18083N
05/FEB/94	09/FEB/94	88	14.8	3.69E+04	2	4	44	3.8E-14	1.3E-15	4.4E-15	S1/2 BARREL AREA #18083N
07/FEB/94	10/FEB/94	594	16.4	2.76E+05	2	7	36	3.7E-15	1.6E-16	7.8E-16	SOUTH SIDE OF \$1 #7219
	10/FEB/94	593	17.3	2.91E+05	1	1	51	4.4E-15	1.2E-15	2.0E-16	S1/2 FEED BELT AREA #1082
07/FEB/94	10/FEB/94	192	14.8	8.05E+04	2	7	33	1.1E-14	5.4E-16	2.7E-15	WEST PERIMETER #7218
07/FEB/94	10/FEB/94	202	13.7	7.84E+04	1	1	54	1.7E-14	4.7E-15	7.6E-16	WEST PERIMETER #7218
07/FEB/94		204	13.8	7.97E+04	2	7	33	1.1E-14	5.4E-16	2.7E-15	WEST PERIMETER #7218
07/FEB/94	10/FEB/94	176	8.8	4.39E+04	1	1	48	2.7E-14	7.9E-15	1.4E-15	DRESSER PAY LOADER #9112
07/FEB/94	10/FEB/94 10/FEB/94		8.9	3.48E+04	2	7	20	1.3E-14	1.0E-15	6.2E-15	DRESSER PAY LOADER #9112
07/FEB/94	-	138	8.8	3.31E+04	2	7	38	3.3E-14	1.4E-15	6.5E-15	DRESSER PAY LOADER #9112
07/FEB/94	10/FEB/94	133	13.5	2.29E+04	1	1	65	7.1E-14	1.8E-14	2.6E-15	S1/2 BARREL AREA #18083N
07/FEB/94	10/FEB/94	60 70			1	1	47	4.2E-14	1.2E-14	2.1E-15	S1/2 BARREL AREA #18083N
07/FEB/94	10/FEB/94	70	14.0 13.5	2.78E+04 2.37E+04	1	3	55	5.8E-14	1.6E-14	2.5E-15	S1/2 BARREL AREA #18083N
07/FEB/94	10/FEB/94	62 228		1.07E+05	2	8	32	7.9E-15	4.1E-16	2.2E-15	SOUTH SIDE OF S1 #7219
08/FEB/94	14/FEB/94	228	16.5		2	8	40	7.1E-15	3.0E-16	1.5E-15	SOUTH SIDE OF S1 #7219
08/FEB/94	15/FEB/94	340	16.4	1.58E+05	1	2	51	1.1E-14	3.3E-15	7.6E-16	S1/2 FEED BELT AREA #1082
08/FEB/94	14/FEB/94	230	17.0	1.11E+05		5	47	6.5E-15	2.2E-15	8.0E-16	S1/2 FEED BELT AREA #1082
08/FEB/94	15/FEB/94	338	17.2	1.65E+05	1						WEST PERIMETER #7218
08/FEB/94	15/FEB/94	229	14.3	9.27E+04	2	8	32	9.0E-15	4.7E-16	2.5E-15	
08/FEB/94	14/FEB/94	181	14.0	7.18E+04	2	8	27	9.2E-15	5.6E-16	3.2E-15	WEST PERIMETER #7218

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Date   Date   Date   Cart   Time   Rate   Volume   Instr   Sky   Sample Activity   2 Std   Level			Sample	Flow	Sample		Gross	Gross	Reported		Critical	
Date   Date   Cain   Cefas   Citers   No. Cnt   Cnt   Cut/Al   Dev.** (UCi/Al   Captage   Capt	Comple	Count	-		•	Instr				2 Std	Level	
08/FEI/94 14/FEB/96 136 14.1 6.2SE+04 2 8 24 9.0E-15 6.2E-16 3.7E-15 MESS PRINTETE #7218 08/FEB/94 14/FEB/96 134 8.8 3.346+04 1 2 45 3.3E-14 1.0E-14 2.5E-15 MESS PRINTETE #7218 08/FEB/94 14/FEB/96 118 8.8 2.746+04 1 2 43 7.0E-14 1.1E-14 2.2E-14 5.0E-15 MESS PRINTETE #7218 08/FEB/94 14/FEB/96 118 8.8 2.746+04 1 2 41 3.4E-14 1.1E-14 2.2E-15 5.0E-15 MESS PRINTETE #7218 08/FEB/94 14/FEB/96 14/FEB/96 14 8.8 2.746+04 1 2 41 3.4E-14 1.1E-14 2.2E-15 5.0E-15 MESS PRINTETE #7218 08/FEB/96 14/FEB/96 14/FEB/96 14 8.8 2.746+04 2 8 27 2.3E-14 1.1E-14 2.2E-15 5.0E-15 MESS PRINTETE #7218 08/FEB/96 14/FEB/96 14 8.8 2.746+04 2 8 29 3.7E-14 1.3E-14 4.1E-15 5.0E-SSS PRINTETE #7218 08/FEB/96 15/FEB/96 35 13.7F 11.0E-16 2 8 26 5.5E-15 3.5E-16 2.0E-15 S.0UIN SIDE OF 51 #7219 09/FEB/96 15/FEB/96 35 13.7F 11.0E-16 2 8 26 5.5E-15 3.5E-16 2.0E-15 S.0UIN SIDE OF 51 #7219 09/FEB/96 15/FEB/96 335 13.8 13.1E-15 1 2 8 26 4.3E-15 1.2E-16 8.2E-15 S.0UIN SIDE OF 51 #7219 09/FEB/96 15/FEB/96 335 13.8 13.1E-15 1 5 2 8 26 4.3E-15 1.2E-15 8.3E-15 S.0UIN SIDE OF 51 #7219 09/FEB/96 15/FEB/96 335 13.8 13.1E-15 1 5 2 8 26 4.3E-15 1.2E-15 8.3E-15 S.0UIN SIDE OF 51 #7219 09/FEB/96 15/FEB/96 335 13.8 13.1E-15 1 5 2 8 26 4.3E-15 1.2E-15 8.3E-15 S.0UIN SIDE OF 51 #7219 09/FEB/96 15/FEB/96 335 13.8 13.1E-15 1 5 2 8 26 4.3E-15 1.2E-15 8.3E-15 S.0UIN SIDE OF 51 #7219 09/FEB/96 15/FEB/96 35 8.8 2.79E-104 2 8 37 1.2E-16 1.1E-15 8.3E-15 S.0UIN SIDE OF 51 #7219 09/FEB/96 15/FEB/96 12 8.8 2.79E-104 2 8 32 7 7.0E-15 4.3E-15 8.3E-15 S.0UIN SIDE OF 51 #7219 09/FEB/96 15/FEB/96 12 8.8 2.79E-104 2 8 37 1.E-16 1.0E-15 8.3E-15 S.0UIN SIDE OF 51 #7219 09/FEB/96 15/FEB/96 12 8.8 2.79E-104 2 8 37 1.E-16 1.0E-15 8.3E-15 S.0UIN SIDE OF 51 #7219 09/FEB/96 15/FEB/96 12 8.8 2.79E-104 2 8 30 1.E-14 1.3E-15 8.3E-15 S.0UIN SIDE OF 51 #7219 09/FEB/96 15/FEB/96 12 8.8 2.79E-104 2 8 30 1.E-14 1.3E-15 8.3E-15 S.0UIN SIDE OF 51 #7219 09/FEB/96 15/FEB/96 12 8.8 2.79E-104 2 8 30 1.E-14 1.3E-15 8.3E-15 S.0UIN SIDE OF 51 #7219 09/FEB/96 15/FEB/96 12 8 8 2.79E-104 18 8 2 8 2 8 2 8 2 8 2 8 2 8	•						_	•	(uCi/ml)	Dev.+/-	(uCi/ml)	Sample Area Description
100   100	vate	Date	•									
	00/550/0/	14 /FFR/94	156	14.1	6.23E+04	2	8	24	9.0E-15	6.2E-16	3.7E-15	WEST PERIMETER #7218
						1	2	45	3.3E-14	1.0E-14	2.5E-15	DRESSER PAY LOADER #9112
Design   14/FEB/P4   14/FEB/					1.49E+04	1	2	43	7.0E-14	2.2E-14	5.6E-15	DRESSER PAY LOADER #9112
MyFEEP/94					2.94E+04	1	2	41	3.4E-14	1.1E-14	2.8E-15	
		-			2.87E+04	2	8	27	2.3E-14	1.4E-15	8.0E-15	DRESSER PAY LOADER #9112
08/FEB/94 1/FEB/94 50 14.0 1.08e404 2 8 29 3.7e-14 2.1e-15 1.2e-15 1.2e-14 51/FEB/94 10/FEB/94 15/FEB/94 50 13.7 1.04e404 1 5 46 5.4e-14 1.8e-14 6.8e-15 1.2e-14 51/FEB/94 15/FEB/94 205 16.4 1.14e-05 2 8 26 5.5e-15 3.5e-16 2.0e-15 81/Z BARREL AREA #18083N 17/FEB/94 15/FEB/94 205 16.4 1.5e-05 1 5 62 1.3e-15 2.4e-15 8.8e-16 2.0e-15 97/FEB/94 15/FEB/94 225 16.4 1.5e-05 1 5 62 1.3e-15 2.4e-15 8.8e-16 2.0e-15 97/FEB/94 15/FEB/94 221 16.3 1.7e-05 1 5 62 1.3e-15 2.4e-15 8.8e-16 2.0e-15 97/FEB/94 15/FEB/94 221 16.5 1.2e-15 2.4e-15 8.8e-16 97/FEB/94 15/FEB/94 221 16.3 1.2e-05 1 5 62 1.3e-15 2.4e-15 8.8e-16 97/FEB/94 15/FEB/94 221 16.3 1.2e-15 2.8e-15 3.2e-16 1.8e-15 1.2e-15 97/FEB/94 15/FEB/94 221 16.3 1.2e-15 2.8e-15 3.2e-16 1.8e-15 1.2e-15 97/FEB/94 15/FEB/94 15.8e-15 1.2e-15 1.2e-15 1.2e-15 1.2e-15 97/FEB/94 15/FEB/94 15.8e-15 97/FEB/94 15/FEB/94	-				3.26E+04	1	5	65	4.7E-14	1.3E-14	4.1E-15	
08/FEB/94   15/FEB/94   05   14.0   1.98E+04   2   8   29   3.7E-14   2.1E-15   1.2E-15   1.2E-16   2.6E-15   1.5E-17   09/FEB/94   15/FEB/94   255   16.4   1.16E+05   2   8   26   5.5E-15   3.5E-16   2.0E-15   8.BE-16   8.BE-16   8.BE-16   09/FEB/94   15/FEB/94   325   16.4   1.15E+05   1   5   62   1.3E-14   3.6E-15   1.2E-15   8.BE-16   8.BE-16   09/FEB/94   15/FEB/94   336   13.8   1.3IE+05   2   8   24   3.E-15   3.E-15   8.BE-16   8.BE-16   09/FEB/94   15/FEB/94   336   13.8   1.3IE+05   2   8   24   3.E-15   3.E-15   3.E-15   3.E-15   09/FEB/94   15/FEB/94   336   13.8   1.3IE+05   2   8   24   3.E-15   3.E-15   6.E-15   3.E-15   09/FEB/94   15/FEB/94   25   16.5   1.2E-10   2   8   27   7.E-15   4.E-15   7.5E-15   3.E-15   09/FEB/94   15/FEB/94   15/FEB/					3.02E+04	1	2	39	3.1E-14	1.1E-14	2.8E-15	S1/2 BARREL AREA #18083N
OFFIER   O			50	14.0	1.98E+04	2	8	29	3.7E-14	2.1E-15	1.2E-14	S1/2 BARREL AREA #18083N
OP/FEB/PA   15/FEB/PA   25   16.4   1.14E+05   2   8   26   5.5E+15   3.5E+16   2.0E+15   3.0E+16   0.0F/FEB/PA   15/FEB/PA   25   16.4   1.5E+05   1   5   47   7.1E+15   2.6E+15   8.EE+15   8.EE+16   0.0F/FEB/PA   15/FEB/PA   336   13.5E+05   2   8   24   4.3E+16   2.9E+16   1.8E+15   1.2E+15   1.2E+15   0.0F/FEB/PA   15/FEB/PA   330   14.6   0.5Teb/PA   2   8   27   7.0E+15   4.3E+16   2.9E+16   1.8E+15   1.2E+15   0.0F/FEB/PA   15/FEB/PA   112   8.8   2.7DF+04   2   8   27   7.0E+15   4.3E+16   2.9E+16   1.8E+15   1.2E+15   0.0F/FEB/PA   15/FEB/PA   15/FEB/PA   15/FEB/PA   16.8   3.0FE+04   2   8   27   7.0E+16   1.8E+15   8.3E+15   0.0E*SER PAY LOADER #97112   0.0F/FEB/PA   15/FEB/PA   15/FEB/PA   16.8   3.0FE+04   2   8   26   2.9E+16   1.8E+15   1.E+15   0.5E+15   0.0FSSER PAY LOADER #97112   0.0FFEB/PA   15/FEB/PA   15/FEB/PA   10.0FEB/PA   15/FEB/PA   250   17.5   1.24E+05   1   6   48   8.6E+15   3.0E+15   3.3E+15			50	13.7	1.94E+04	1	5	46	5.4E-14	1.8E-14		·
			245	16.4	1.14E+05	2	8	26	5.5E-15	3.5E-16	2.0E-15	
		15/FEB/94	325	16.4	1.51E+05	1	5	47		2.4E-15		
		15/FEB/94	242	16.3	1.12E+05	1	5	62	1.3E-14			•
O9/FEB/94   15/FEB/94   126   8.6   2.70e+04   2   8   31   2.9e+14   1.5e+15   8.3e+15   8.3e+15   8.3e+15   0.7e+16   9.7e+16   9.7e		15/FEB/94	336	13.8	1.31E+05	2	8	24	4.3E-15	2.9E-16	1.8E-15	
DoyfeB/94   15/feB/94   15/feB/94   122   8.8   2.79E-04   2   8   31   2.9E-14   1.6E-15   1.6E-15   5.EE-15   DRESSER PAY LOADER #9712   DoyfeB/94   16/feB/94   145   8.7   3.57E-04   2   8   40   3.1E-14   1.3E-15   6.5E-15   DRESSER PAY LOADER #9712   DoyfeB/94   15/feB/94   92   8.4   2.19E-04   2   8   26   2.9E-14   1.8E-15   1.1E-14   DoyfeB/94   15/feB/94   92   8.4   2.19E-04   2   8   26   2.9E-14   1.8E-15   1.1E-14   DoyfeB/94   15/feB/94   93   8.6   2.39E-04   1   5   51   2.9E-14   2.0E-15   9.7E-15   DRESSER PAY LOADER #9712   DoyfeB/94   15/feB/94   57   14.0   2.2E6E-04   1   5   48   4.8E-14   1.6E-15   3.3E-15   3.7E-15   DRESSER PAY LOADER #9712   DoyfeB/94   15/feB/94   57   14.0   2.2E6E-04   1   5   48   4.8E-14   1.6E-14   5.EE-15   DRESSER PAY LOADER #9712   DoyfeB/94   17/feB/94   250   17.5   1.2E-05   1   6   48   8.6E-15   3.0E-15   1.2E-15   5.EE-15   DRESSER PAY LOADER #9712   DoyfeB/94   17/feB/94   245   16.0   1.11E-05   2   8   33   5.8E-15   3.DE-15   1.2E-15   5.EE-15   5.EE-15   DRESSER PAY LOADER #9712   DoyfeB/94   17/feB/94   245   16.0   1.11E-05   2   8   33   5.8E-15   3.DE-15   1.2E-15   5.EE-15   5.IZ   FED BELT AREA #1083   DoyfeB/94   17/feB/94   18/feB/94   1		15/FEB/94	230	14.6	9.51E+04	2	8	27	7.0E-15	4.3E-16	2.4E-15	
09/FEB/94 15/FEB/94 126 8.6 3.07E+04 2 8 42 3.9E+14 1.6E+15 7.5E+15 0PRESSER PAY LOADER #9112 09/FEB/94 16/FEB/94 15/FEB/94 92 8.4 2.19E+04 2 8 26 2.9E+14 1.8E+15 1.1E+14 DRESSER PAY LOADER #9112 09/FEB/94 15/FEB/94 98 8.6 2.39E+04 2 8 39 4.5E+14 2.0E+15 9.7E+15 DRESSER PAY LOADER #9112 09/FEB/94 15/FEB/94 57 14.0 2.26E+04 1 5 51 2.9E+14 9.4E+15 3.3E+15 51/2 BARREL AREA #18083N 15/FEB/94 57 14.0 2.26E+04 1 5 48 4.8E+14 1.6E+14 5.9E+15 51/2 BARREL AREA #18083N 15/FEB/94 55 14.2 2.2TE+04 1 5 48 8.6E+15 3.0E+15 1.7E+14 6.0E+15 50/JH SIDE OF S1 #7219 10/FEB/94 16/FEB/94 323 16.4 1.50E+05 2 8 33 5.8E+15 2.9E+16 1.5E+15 50/JH SIDE OF S1 #7219 10/FEB/94 16/FEB/94 324 16.2 1.49E+05 2 8 36 6.6E+15 3.1E+16 1.6E+15 50/JH SIDE OF S1 #7219 10/FEB/94 17/FEB/94 324 16.2 1.49E+05 2 8 36 6.6E+15 3.1E+16 1.6E+15 50/JH SIDE OF S1 #7219 10/FEB/94 17/FEB/94 324 16.2 1.49E+05 2 8 36 6.6E+15 3.1E+16 1.5E+15 51/Z FEB BELT AREA #1083 10/FEB/94 17/FEB/94 324 16.2 1.49E+05 2 8 36 6.6E+15 3.1E+16 1.5E+15 51/Z FEB BELT AREA #1083 10/FEB/94 16/FEB/94 13.5 4.93E+04 1 4 70 3.4E+14 8.7E+15 2.9E+15 151/Z FEB BELT AREA #1083 10/FEB/94 16/FEB/94 135 8.7 3.33E+04 1 4 5 2 3.7E+14 1.1E+15 2.4E+15 51/Z FEB BELT AREA #1083 10/FEB/94 17/FEB/94 123 8.6 3.00E+04 1 6 50 4.0E+14 1.3E+15 2.9E+15 51/Z FEB BELT AREA #1083 10/FEB/94 17/FEB/94 183 16.4 8.5DE+10 1 6 40 1.0E+14 3.5E+15 51/Z FEB BELT AREA #1083 10/FEB/94 17/FEB/94 183 16.4 8.5DE+10 1 6 40 1.0E+14 3.5E+15 51/Z FEB BELT AREA #1083 10/FEB/94 17/FEB/94 123 8.6 3.00E+04 1 6 50 4.0E+14 1.3E+15 5.2E+15 51/Z FEB BELT AREA #1083 10/FEB/94 17/FEB/94 183 16.4 8.5DE+10 1 6 40 1.0E+14 3.5E+15 5.4E+15 51/Z FEB BELT AREA #1083 10/FEB/94 17/FEB/94 183 16.4 8.5DE+10 1 6 50 4.0E+14 1.3E+15 5.4E+15 51/Z FEB BELT AREA #1082 11/FEB/94 17/FEB/94 183 16.4 8.5DE+04 1 6 6 50 4.0E+14 1.3E+15 5.2E+15 51/Z FEB BELT AREA #1082 11/FEB/94 17/FEB/94 183 16.4 8.5DE+05 1 6 48 8.5E+15 3.3E+15 5.4E+15 51/Z FEB BELT AREA #1082 11/FEB/94 17/FEB/94 183 16.4 8.5DE+05 1 6 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		15/FEB/94	112	8.8	2.79E+04	2	8	31	2.9E-14			
09/FEB/94 16/FEB/94 155 8.7 3.57E+04 2 8 40 3.1E-14 1.3E-15 6.5E-15 DRESSER PAY LOADER #9112 09/FEB/94 15/FEB/94 98 8.6 2.39E+04 2 8 39 4.5E-14 2.0E-15 9.7E-15 DRESSER PAY LOADER #9112 09/FEB/94 15/FEB/94 100 14.0 3.96E+04 1 5 51 2.9E-14 9.4E-15 3.3E-15 51/2 BARREL AREA #18083N 09/FEB/94 15/FEB/94 55 14.2 2.21E+04 1 5 42 4.2E-14 1.5E-15 5.9E-15 51/2 BARREL AREA #18083N 10/FEB/94 17/FEB/94 250 17.5 1.24E+05 1 6 48 8.6E-15 3.0E-15 1.2E-15 SULT BARREL AREA #18083N 10/FEB/94 17/FEB/94 251 16.0 1.11E+05 2 4 39 1.1E-14 4.0E-16 1.5E-15 SULT BIDE OF S1 #7219 10/FEB/94 16/FEB/94 324 16.2 1.469E+05 2 8 36 6.6E-15 3.1E-16 1.6E-15 S1/2 FEB BELT AREA #1808.10/FEB/94 17/FEB/94 13/FEB/94 13.5 4.93E+04 1 4 70 3.4E-14 6.1E-15 2.6E-15 URST PERIMETER #7218 10/FEB/94 16/FEB/94 17/FEB/94 155 8.7 3.33E+04 1 4 52 3.7E-14 1.1E-14 3.6E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 180 16.2 8.26E+04 1 6 6 00 1.0E-14 1.3E-15 5.4E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94			126	8.6	3.07E+04	2	8	42	3.9E-14	1.6E-15	7.5E-15	
09/FEB/94 15/FEB/94 92 8.4 2.19F-04 2 8 36 2.9E-14 1.8E-15 1.1E-14 DRESSER PAY LOADER #9112 09/FEB/94 15/FEB/94 100 14.0 3.96E+04 1 5 51 2.9E-14 9.4E-15 3.3E-15 51/2 BARREL AREA #18083N 09/FEB/94 15/FEB/94 57 14.0 2.26E+04 1 5 48 4.8E-14 1.6E-14 5.9E-15 51/2 BARREL AREA #18083N 09/FEB/94 15/FEB/94 57 14.0 2.26E+04 1 5 48 4.8E-14 1.6E-14 5.9E-15 51/2 BARREL AREA #18083N 09/FEB/94 15/FEB/94 17/FEB/94 250 17.5 1.24E+05 1 6 48 8.6E-15 3.0E-15 1.2E-15 50UTH SIDE OF S1 #7219 10/FEB/94 17/FEB/94 251 16.0 1.11E+05 2 4 37 1.1E-14 4.0E-16 1.5E-15 50UTH SIDE OF S1 #7219 10/FEB/94 17/FEB/94 251 16.0 1.11E+05 2 4 37 1.1E-14 4.0E-16 1.5E-15 50UTH SIDE OF S1 #7219 10/FEB/94 17/FEB/94 133 13.7 5.55E+04 1 6 41 1.6E-14 6.E-15 3.1E-16 1.6E-15 51/2 FED BELT AREA #1088 10/FEB/94 16/FEB/94 133 13.7 5.55E+04 1 6 41 1.6E-14 6.E-15 3.1E-16 1.6E-15 51/2 FED BELT AREA #1088 10/FEB/94 16/FEB/94 135 8.7 3.33E+04 1 4 70 3.4E-14 8.7E-15 2.4E-15 WEST PERIMETER #7218 10/FEB/94 16/FEB/94 17/FEB/94 159 9.0 2.68E+04 2 4 27 3.0E-14 1.4E-15 6.1E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 17/FEB/94 123 8.6 3.00E+04 1 6 50 4.0E-14 1.3E-15 5.4E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 17/FEB/94 16 8.5DE-16 1 6 6 1 1.0E-14 1.5E-15 51/2 BARSEL AREA #18083N 11/FEB/94 17/FEB/94 18.8 6.5DE-04 2 4 27 9.4E-15 5.4E-15 DRESSER PAY LOADER #9112 19/FEB/94 17/FEB/94 18/FEB/94 17/FEB/94 18/FEB/94 17/FEB/94 18/FEB/94 18/FEB/9	-		145	8.7	3.57E+04	2	8	40	3.1E-14	1.3E-15	6.5E-15	
DOY/FEB/94   15/FEB/94   100   14.0   3.96E+04   1   5   51   2.9E+14   9.4E+3   5.3E+15   3.3E+15   3.3			92	8.4	2.19E+04	2	8	26	2.9E-14	1.8E-15		
09/FEB/94 15/FEB/94 100 14.0 3.906+04 1 5 51 2.9E-14 0.4E-15 3.3E-15 51/2 BARREL AREA #18083N 09/FEB/94 15/FEB/94 57 14.0 2.26E+04 1 5 48 4.8E-14 1.6E-14 5.9E-15 51/2 BARREL AREA #18083N 10/FEB/94 17/FEB/94 55 14.2 2.21E+04 1 5 42 4.2E-14 1.5E-14 6.0E-15 51/2 BARREL AREA #18083N 10/FEB/94 17/FEB/94 250 17.5 1.24E+05 1 6 48 8.6E-15 3.0E-15 1.2E-15 SOUTH SIDE OF S1 #7219 10/FEB/94 16/FEB/94 245 16.0 1.11E+05 2 4.39 1.1E-14 4.0E-16 1.5E-15 SOUTH SIDE OF S1 #7219 10/FEB/94 17/FEB/94 245 16.0 1.11E+05 2 4.39 1.1E-14 4.0E-16 1.5E-15 S1/2 FEED BELT AREA #1083 10/FEB/94 17/FEB/94 300 14.8 1.26E+05 1 6 48 8.5E-15 2.9E-16 1.6E-15 S1/2 FEED BELT AREA #1084 10/FEB/94 17/FEB/94 300 14.8 1.26E+05 1 6 48 8.5E-15 2.9E-15 1.2E-15 WEST PERIMETER #7218 10/FEB/94 16/FEB/94 129 13.5 4.93E+04 1 4 70 3.4E-14 8.7E-15 2.4E-15 WEST PERIMETER #7218 10/FEB/94 17/FEB/94 105 9.0 2.68E+04 2 4 27 3.0E-14 1.EE-15 6.1E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 122 8.1 2.80E+04 1 6 50 4.0E-14 1.3E-14 5.0E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 123 8.6 3.00E+04 1 4 54 4.2E-14 1.3E-14 4.0E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 123 8.6 3.00E+04 1 4 54 4.2E-14 1.3E-14 4.0E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 180 16.2 8.26E+04 1 6 40 1.0E-14 4.1E-15 6.1E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 180 16.2 8.26E+04 1 6 40 1.0E-14 4.1E-15 1.8E-15 SOUTH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 17/FEB/94 183 16.4 8.50E+04 2 4 21 2.0E-14 1.1E-15 1.8E-15 SOUTH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 17/FEB/94 183 16.4 8.50E+04 2 4 27 3.6E-15 3.3E-16 1.5E-15 SUT FEB METTER #7218 DRESSER PAY LOADER #9112 14/FEB/94 17/FEB/94 17/FEB/94 270 16.4 7.3BE+04 1 6 6 50 1.0E-14 3.5E-15 SOUTH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 270 16.4 7.3BE+04 1 6 6 50 1.0E-14 3.5E-15 SOUTH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 270 16.4 7.3BE+04 1 6 6 50 1.0E-15 3.3E-16 1.5E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 17/FEB/94 226 16.4 7.3BE+04 1 6 6 50 1.1E-15 3.3E-16 1.5E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 17/FEB/94 228 16.7 7.3BE+04 1 6 6 50 1.1E-15 3.		15/FEB/94	98	8.6	2.39E+04	2	8	39	4.5E-14	2.0E-15		
09/FEB/94 15/FEB/94 55 14.2 2.21e+0.6 1 5 42 4.2E-14 1.5E-14 6.0E-15 51/2 BARREL AREA #18083N 09/FEB/94 17/FEB/94 250 17.5 1.22e+0.5 1 6 48 8.6E-15 3.0E-15 1.2E-15 50/JH SIDE OF S1 #7219 10/FEB/94 16/FEB/94 265 16.0 1.11e+0.5 2 4 39 1.1E-14 4.0E-16 1.5E-15 50/JH SIDE OF S1 #7219 10/FEB/94 16/FEB/94 265 16.0 1.11e+0.5 2 4 39 1.1E-14 4.0E-16 1.5E-15 50/JH SIDE OF S1 #7219 10/FEB/94 17/FEB/94 24 16.2 1.49E+0.5 2 8 36 6.6E-15 3.1E-16 1.6E-15 51/2 FED BELT AREA #108. 10/FEB/94 17/FEB/94 300 14.8 1.26E+0.5 1 6 48 8.5E-15 2.9E-16 1.5E-15 51/2 FED BELT AREA #108. 10/FEB/94 16/FEB/94 135 5 8.7 3.33E+0.4 1 4 70 3.4E-14 8.7E-15 2.6E-15 WEST PERIMETER #7218 10/FEB/94 16/FEB/94 135 8.7 3.33E+0.4 1 4 70 3.4E-14 8.7E-15 2.4E-15 WEST PERIMETER #7218 10/FEB/94 17/FEB/94 105 9.0 2.68E+0.4 2 4 27 3.0E-14 1.1E-14 3.6E-15 0RESSER PAY LOADER #9112 10/FEB/94 16/FEB/94 123 8.6 3.00E+0.4 1 6 50 4.0E-14 1.3E-14 5.2E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 123 8.6 3.00E+0.4 2 4 27 3.0E-14 1.1E-15 5.4E-15 DRESSER PAY LOADER #9112 14/FEB/94 17/FEB/94 200 17.0 1.16E+0.5 1 6 50 4.0E-14 1.3E-15 5.4E-15 S0/JH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 200 17.0 1.16E+0.5 1 6 50 4.0E-14 1.3E-15 5.4E-15 DRESSER PAY LOADER #9112 14/FEB/94 17/FEB/94 200 17.0 1.16E+0.5 1 6 50 4.0E-14 1.3E-15 5.4E-15 S0/JH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 237 16.3 1.09E+0.5 2 4 23 6.1E-15 3.3E-15 S0/JH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 237 16.3 1.09E+0.5 2 4 23 6.1E-15 3.3E-15 S0/JH SIDE OF S1 #7219 15/FEB/94 17/FEB/94 220 17.0 1.16E+0.5 2 4 27 2.6E-14 1.3E-15 5.4E-15 S0/JH SIDE OF S1 #7219 15/FEB/94 17/FEB/94 220 17.0 1.16E+0.5 2 4 27 2.6E-14 1.3E-15 5.4E-15 S0/JH SIDE OF S1 #7219 15/FEB/94 17/FEB/94 220 18.8 3.7E+0.4 2 4 27 2.6E-14 1.3E-15 5.2E-15 S0/JH SIDE OF S1 #7219 15/FEB/94 17/FEB/94 220 18.8 3.7E+0.4 1 6 41 1.0E-14 3.9E-15 5.4E-15 S0/JH SIDE OF S1 #7219 15/FEB/94 17/FEB/94 220 18.8 3.7E+0.4 1 6 40 1.0E-14 4.1E-15 5.2E-15 S0/JH SIDE OF S1 #7219 15/FEB/94 17/FEB/94 220 18.8 3.7E+0.4 1 6 6 50 1.1E-14 3.6E-15 5.2E-15 S0/JH SIDE OF S1 #7219 15/FEB/94 17/	09/FEB/94	15/FEB/94	100	14.0	3.96E+04	1						
10/FEB/94 17/FEB/94 250 17.5 1.24E+05 1 6 48 8.6E-15 3.0E-15 1.2E-15 SOUTH SIDE OF S1 #7219 10/FEB/94 16/FEB/94 250 17.5 1.2E+05 2 8 33 5.8E-15 2.9E-16 1.5E-15 SOUTH SIDE OF S1 #7219 10/FEB/94 17/FEB/94 245 16.0 1.11E+05 2 4 39 1.1E-14 4.0E-16 1.5E-15 SI/2 FEED BELT AREA #1082 10/FEB/94 17/FEB/94 2324 16.2 1.49E+05 2 8 36 6.6E-15 3.1E-16 1.5E-15 SI/2 FEED BELT AREA #1082 10/FEB/94 17/FEB/94 133 13.7 5.55E+04 1 6 41 1.6E-14 6.1E-15 2.6E-15 WEST PERIMETER #7218 10/FEB/94 17/FEB/94 129 13.5 4.93E+04 1 4 70 3.4E-14 8.5E-15 2.9E-15 L2E-15 WEST PERIMETER #7218 10/FEB/94 16/FEB/94 135 8.7 3.33E+04 1 4 52 3.7E-14 1.1E-14 3.6E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 122 8.1 2.80E+04 1 6 50 4.0E-14 1.3E-14 5.2E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 123 8.6 3.00E+04 1 4 54 4.2E-14 1.3E-14 5.2E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 180 16.2 8.26E+04 1 6 40 1.0E-14 4.1E-15 5.4E-15 SI/2 BRESSER PAY LOADER #9112 14/FEB/94 17/FEB/94 240 17.0 1.16E+05 1 6 52 1.0E-14 3.3E-15 SOUTH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 220 17.0 1.16E+05 1 6 52 1.0E-14 3.3E-15 SOUTH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 221 13.8 8.75E+04 1 6 40 1.0E-14 4.1E-15 5.4E-15 SI/2 FEED BELT AREA #1082 14/FEB/94 17/FEB/94 220 17.0 1.16E+05 1 6 52 1.0E-14 3.3E-15 SOUTH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 220 17.0 1.16E+05 1 6 52 1.0E-14 3.3E-15 SOUTH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 224 13.8 8.75E+04 1 6 40 1.0E-14 3.3E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 17/FEB/94 224 13.8 8.75E+04 1 6 40 1.0E-14 3.9E-15 3.3E-16 1.9E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 17/FEB/94 224 13.8 8.75E+04 1 6 40 1.0E-14 3.9E-15 3.3E-15 DRESSER PAY LOADER #9112 SIJ/FEB/94 17/FEB/94 224 13.8 8.75E+04 1 6 40 1.0E-14 3.9E-15 SIJ/EB/94 PSI PSI PERIMETER #7218 DRESSER PAY LOADER #9112 SIJ/FEB/94 17/FEB/94 224 13.8 8.75E+04 1 6 40 1.0E-14 3.9E-15 SIJ/EB/94 PSI	09/FEB/94	15/FEB/94	57	14.0	2.26E+04	1						
10/FEB/94   16/FEB/94   245   16.0   1.11e+05   2   8   33   5.8E-15   2.9E-16   1.5E-15   SOUTH SIDE OF S1 #7219     10/FEB/94   17/FEB/94   245   16.0   1.11e+05   2   4   39   1.1E-14   4.0E-16   1.5E-15   51/2 FEED BELT AREA #108     10/FEB/94   16/FEB/94   245   16.2   1.49E+05   2   8   36   6.6E-15   3.1E-16   1.6E-15   51/2 FEED BELT AREA #108     10/FEB/94   17/FEB/94   133   13.7   5.55E+04   1   6   41   1.6E-14   6.1E-15   2.6E-15   WEST PERIMETER #7218     10/FEB/94   17/FEB/94   130   14.8   1.26E+05   1   6   48   8.5E-15   2.9E-15   1.2E-15   WEST PERIMETER #7218     10/FEB/94   16/FEB/94   135   8.7   3.33E+04   1   4   52   3.7E-14   1.1E-14   3.6E-15   DRESSER PAY LOADER #9112     10/FEB/94   17/FEB/94   122   8.1   2.80E+04   1   6   50   4.0E-14   1.3E-14   5.2E-15   DRESSER PAY LOADER #9112     10/FEB/94   17/FEB/94   123   8.6   3.00E+04   1   6   50   4.0E-14   1.3E-14   5.2E-15   DRESSER PAY LOADER #9112     10/FEB/94   17/FEB/94   180   16.2   8.26E+04   2   4   21   2.0E-14   1.3E-14   5.2E-15   DRESSER PAY LOADER #9112     14/FEB/94   17/FEB/94   180   16.2   8.26E+04   1   6   40   1.0E-14   4.1E-15   5.4E-15   SOUTH SIDE OF S1 #7219     14/FEB/94   17/FEB/94   180   16.2   8.26E+04   1   6   40   1.0E-14   4.1E-15   1.8E-15   SOUTH SIDE OF S1 #7219     14/FEB/94   17/FEB/94   240   17.0   1.16E+05   1   6   52   1.0E-14   3.3E-15   1.3E-15   SOUTH SIDE OF S1 #7219     14/FEB/94   17/FEB/94   27   13.8   7.70E+04   2   4   27   9.4E-15   3.3E-16   1.5E-15   SI/2 FEED BELT AREA #1082     14/FEB/94   17/FEB/94   224   13.8   8.75E+04   1   6   41   1.0E-14   3.9E-15   1.7E-15   WEST PERIMETER #7218     14/FEB/94   17/FEB/94   224   13.8   8.75E+04   1   6   41   1.0E-14   3.3E-15   1.5E-15   SOUTH SIDE OF S1 #7219     14/FEB/94   17/FEB/94   224   13.8   8.75E+04   1   6   41   1.0E-14   3.3E-15   1.5E-15   SOUTH SIDE OF S1 #7219     14/FEB/94   17/FEB/94   224   13.8   8.75E+04   1   6   41   1.0E-14   3.3E-15   1.5E-15   SOUTH SIDE OF S1 #7219     15/FEB/94   17/FEB/94   226   13.	09/FEB/94	15/FEB/94	55	14.2	2.21E+04	1						
10/FEB/94 17/FEB/94 245 16.0 1.11e+05 2 4 39 1.1e-14 4.0e-16 1.5e-15 S1/2 FEED BELT AREA #108/10/FEB/94 16/FEB/94 324 16.2 1.49e+05 2 8 36 6.6e-15 3.1e-16 1.6e-15 S1/2 FEED BELT AREA #108/10/FEB/94 17/FEB/94 143 13.7 5.55e+04 1 6 41 1.6e-14 6.1e-15 2.6e-15 WEST PERIMETER #7218 10/FEB/94 16/FEB/94 129 13.5 4.93e+04 1 4 70 3.4e-14 8.7e-15 2.4e-15 WEST PERIMETER #7218 10/FEB/94 16/FEB/94 135 8.7 3.33e+04 1 4 52 3.7e-14 1.1e-14 3.6e-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 123 8.6 3.00e+04 1 6 50 4.0e-14 1.4e-15 6.1e-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 123 8.6 3.00e+04 1 4 54 4.2e-14 1.3e-14 4.0e-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 17/FEB/94 180 16.2 8.26e+04 1 6 50 4.0e-14 1.4e-15 5.4e-15 DRESSER PAY LOADER #9112 14/FEB/94 17/FEB/94 27 18.0 16.2 8.26e+04 1 6 50 4.0e-14 1.4e-15 5.4e-15 DRESSER PAY LOADER #9112 14/FEB/94 17/FEB/94 27 18.0 16.2 8.26e+04 1 6 50 4.0e-14 1.3e-14 4.0e-15 DRESSER PAY LOADER #9112 14/FEB/94 17/FEB/94 27 16.3 1.0e+05 1 6 52 1.0e-14 3.3e-15 SOUTH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 27 16.3 1.09e+05 2 4 27 9.4e-15 4.5e-16 1.9e-15 S1/2 FEED BELT AREA #1082 14/FEB/94 17/FEB/94 18.8 8.75e+04 1 6 41 1.0e-14 3.9e-15 1.7e-15 WEST PERIMETER #7218 15/FEB/94 17/FEB/94 17/FEB/	10/FEB/94	17/FEB/94	250	17.5	1.24E+05	1	6					
10/FEB/94 16/FEB/94 324 16.2 1.49E+05 2 8 36 6.6E-15 3.1E-16 1.6E-15 S1/2 FEED BELT AREA #108.  10/FEB/94 17/FEB/94 143 13.7 5.55E+04 1 6 41 1.6E-14 6.1E-15 2.6E-15 WEST PERIMETER #7218  10/FEB/94 17/FEB/94 300 14.8 1.26E+05 1 6 48 8.5E-15 2.9E-15 1.2E-15 WEST PERIMETER #7218  10/FEB/94 16/FEB/94 129 13.5 4.93E+04 1 4 70 3.4E-14 8.7E-15 2.4E-15 WEST PERIMETER #7218  10/FEB/94 16/FEB/94 135 8.7 3.33E+04 1 4 52 3.7E-14 1.1E-14 3.6E-15 DRESSER PAY LOADER #9112  10/FEB/94 17/FEB/94 105 9.0 2.68E+04 2 4 27 3.0E-14 1.4E-15 6.1E-15 DRESSER PAY LOADER #9112  10/FEB/94 17/FEB/94 123 8.6 3.00E+04 1 6 50 4.0E-14 1.3E-14 5.2E-15 DRESSER PAY LOADER #9112  10/FEB/94 17/FEB/94 75 14.3 3.04E+04 2 4 21 2.0E-14 1.3E-14 5.2E-15 DRESSER PAY LOADER #9112  10/FEB/94 17/FEB/94 77 14.3 3.04E+04 2 4 21 2.0E-14 1.3E-15 5.4E-15 S1/2 BARREL AREA #18083N  14/FEB/94 17/FEB/94 240 17.0 1.16E+05 1 6 52 1.0E-14 3.3E-15 S0UTH SIDE OF S1 #7219  14/FEB/94 17/FEB/94 237 16.3 1.09E+05 2 4 23 6.1E-15 3.3E-16 1.9E-15 S1/2 FEED BELT AREA #1082  14/FEB/94 17/FEB/94 237 16.3 1.09E+05 2 4 23 6.1E-15 3.3E-16 1.5E-15 S1/2 FEED BELT AREA #1082  14/FEB/94 17/FEB/94 227 13.8 8.75E+04 1 6 41 1.0E-14 3.9E-15 S0UTH SIDE OF S1 #7219  14/FEB/94 17/FEB/94 227 16.3 1.09E+05 2 4 23 6.1E-15 3.3E-16 1.5E-15 S1/2 FEED BELT AREA #1082  14/FEB/94 17/FEB/94 227 13.8 8.75E+04 1 6 41 1.0E-14 3.9E-15 S0UTH SIDE OF S1 #7219  14/FEB/94 17/FEB/94 227 13.8 8.75E+04 1 6 41 1.0E-14 3.9E-15 S0UTH SIDE OF S1 #7219  15/FEB/94 17/FEB/94 228 16.7 1.08E+05 2 2 27 8.1E-15 3.4E-16 1.1E-15 SOUTH SIDE OF S1 #7219  15/FEB/94 18/FEB/94 228 16.7 1.08E+05 2 2 27 8.1E-15 3.4E-16 1.1E-15 SOUTH SIDE OF S1 #7219  15/FEB/94 18/FEB/94 250 15.5 1.98E+05 2 3 19 2.8E-15 3.4E-16 1.1E-15 SOUTH SIDE OF S1 #7219  15/FEB/94 18/FEB/94 250 15.5 1.98E+05 2 3 19 2.8E-15 3.4E-16 1.1E-15 SOUTH SIDE OF S1 #7219  15/FEB/94 18/FEB/94 350 15.5 1.98E+05 2 3 3 19 2.8E-15 3.6E-15 DRESSER PAY LOADER #9112  15/FEB/94 18/FEB/94 350 15.5 1.98E+05 2 3 3 9 5.4E-14 8.9E-15 3.5E-15 DRESSER PAY LOADER #9112  15/FEB/94 18/FEB/94 35	10/FEB/94	16/FEB/94	323	16.4	1.50E+05	2	8		5.8E-15			
10/FEB/94 17/FEB/94 133 13.7 5.55E+04 1 6 41 1.6E-14 6.1E-15 2.6E-15 WEST PERIMETER #7218 10/FEB/94 17/FEB/94 300 14.8 1.26E+05 1 6 48 8.5E-15 2.9E-15 1.2E-15 WEST PERIMETER #7218 10/FEB/94 17/FEB/94 120 13.5 4.93E+04 1 4 70 3.4E-14 8.7E-15 2.4E-15 WEST PERIMETER #7218 10/FEB/94 17/FEB/94 135 8.7 3.33E+04 1 4 52 3.7E-14 1.1E-14 3.6E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 105 9.0 2.68E+04 2 4 27 3.0E-14 1.4E-15 6.1E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 122 8.1 2.80E+04 1 6 50 4.0E-14 1.3E-14 5.2E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 123 8.6 3.00E+04 1 4 54 4.2E-14 1.3E-14 5.2E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 75 14.3 3.04E+04 2 4 21 2.0E-14 1.1E-15 5.4E-15 SALP15 DRESSER PAY LOADER #9112 14/FEB/94 17/FEB/94 180 16.2 8.26E+04 1 6 40 1.0E-14 4.1E-15 1.8E-15 SOUTH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 220 17.0 1.16E+05 1 6 52 1.0E-14 3.3E-15 SOUTH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 237 16.3 1.09E+05 2 4 23 6.1E-15 3.3E-16 1.9E-15 SI/2 FEED BELT AREA #1082 14/FEB/94 17/FEB/94 197 13.8 7.70E+04 2 4 21 7.7E-15 4.4E-16 2.1E-15 WEST PERIMETER #7218 14/FEB/94 17/FEB/94 122 12.4 4.28E+04 2 4 27 7.FE-15 4.4E-16 2.1E-15 WEST PERIMETER #7218 14/FEB/94 17/FEB/94 122 12.4 4.28E+04 2 4 27 7.FE-15 4.4E-16 2.1E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 228 16.7 1.08E+05 2 2 27 8.1E-15 3.3E-16 1.5E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 228 16.7 1.08E+05 2 2 27 8.1E-15 3.5E-16 1.9E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 228 16.7 1.08E+05 2 2 27 8.1E-15 3.5E-16 1.9E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 228 16.7 1.08E+05 2 2 27 8.1E-15 3.2E-16 1.9E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.9E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.9E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.9E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 29 3 3 9 2.4E-15 3.6E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 250	10/FEB/94	17/FEB/94	245	16.0	1.11E+05							
10/FEB/94 17/FEB/94 300 14.8 1.26E+05 1 6 48 8.5E-15 2.9E-15 1.2E-15 WEST PERIMETER #7218 10/FEB/94 16/FEB/94 129 13.5 4.93E+04 1 4 70 3.4E-14 8.7E-15 2.4E-15 WEST PERIMETER #7218 10/FEB/94 16/FEB/94 135 8.7 3.33E+04 1 4 52 3.7E-14 1.1E-14 3.6E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 105 9.0 2.68E+04 2 4 27 3.0E-14 1.4E-15 6.1E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 122 8.1 2.80E+04 1 6 50 4.0E-14 1.3E-14 5.2E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 123 8.6 3.00E+04 1 4 54 4.2E-14 1.3E-14 5.2E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 75 14.3 3.04E+04 2 4 21 2.0E-14 1.1E-15 5.4E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 180 16.2 8.26E+04 1 6 40 1.0E-14 4.1E-15 5.4E-15 SUTH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 240 17.0 1.16E+05 1 6 52 1.0E-14 3.3E-15 1.3E-15 SOUTH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 183 16.4 8.50E+04 2 4 27 9.4E-15 4.5E-16 1.9E-15 S1/2 FEED BELT AREA #1082 14/FEB/94 17/FEB/94 237 16.3 1.09E+05 2 4 23 6.1E-15 3.3E-16 1.5E-15 S1/2 FEED BELT AREA #1082 14/FEB/94 17/FEB/94 224 13.8 8.75E+04 1 6 41 1.0E-14 3.9E-15 1.7E-15 WEST PERIMETER #7218 15/FEB/94 17/FEB/94 129 8.4 3.07E+04 2 4 27 2.6E-14 1.2E-15 5.3E-15 DRESSER PAY LOADER #9112 15/FEB/94 19/FEB/94 250 16.4 7.38E+04 1 6 39 1.1E-14 4.5E-15 5.3E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 250 16.4 7.38E+04 1 6 39 1.1E-14 4.5E-15 5.3E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 250 16.4 7.38E+04 1 6 39 1.1E-14 3.5E-15 5.0E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.2E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.2E-15 SUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 15.5 1.98E+05 2 3 19 2.8E-15 1.6E-16 7.0E-16 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 15.8 1.7E-04 1 6 49 9.9E-15 3.6E-15 1.5E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 15.8 9.7TE+04 1 6 44 9.9E-15 3.6E-15 1.5E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 15.8 9.7TE+04 1 6 44 9.9E-15 3.6E-15 1.5E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FE	10/FEB/94	16/FEB/94	324	16.2	1.49E+05	2						
10/FEB/94 16/FEB/94 129 13.5 4.93E+04 1 4 70 3.4E-14 8.7E-15 2.4E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 105 9.0 2.68E+04 2 4 27 3.0E-14 1.4E-15 6.1E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 122 8.1 2.80E+04 1 6 50 4.0E-14 1.3E-14 5.2E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 123 8.6 3.00E+04 1 6 50 4.0E-14 1.3E-14 5.2E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 17/FEB/94 18.0 16.2 8.26E+04 1 6 40 1.0E-14 1.3E-14 5.2E-15 DRESSER PAY LOADER #9112 14/FEB/94 17/FEB/94 17.0 1.16E+05 1 6 52 1.0E-14 3.3E-15 1.3E-15 SOUTH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 240 17.0 1.16E+05 1 6 52 1.0E-14 3.3E-15 1.3E-15 SOUTH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 237 16.3 1.09E+04 2 4 27 9.4E-15 4.5E-16 1.9E-15 S1/2 FED BELT AREA #1082 14/FEB/94 17/FEB/94 237 16.3 1.09E+05 2 4 23 6.1E-15 3.3E-16 1.5E-15 S1/2 FED BELT AREA #1082 14/FEB/94 17/FEB/94 224 13.8 8.75E+04 1 6 41 1.0E-14 3.9E-15 1.7E-15 WEST PERIMETER #7218 14/FEB/94 17/FEB/94 122 12.4 4.28E+04 2 4 27 7.7E-15 4.4E-16 2.1E-15 WEST PERIMETER #7218 14/FEB/94 17/FEB/94 122 12.4 4.28E+04 2 4 27 7.7E-15 4.4E-16 3.8E-15 DRESSER PAY LOADER #9112 15/FEB/94 19/FEB/94 28 16.7 1.08E+05 2 2 27 8.1E-15 3.4E-16 1.1E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 190 18.1 9.74E+04 1 6 50 1.1E-14 3.8E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.2E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.2E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.2E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.2E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 13.8 9.77E+04 1 6 44 9.9E-15 3.6E-15 1.5E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 13.8 9.77E+04 1 6 44 9.9E-15 3.6E-15 1.5E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 13.8 9.77E+04 1 6 44 9.9E-15 3.6E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 250 13.8 9.77E+04 1 6 44 9.9E-15 3.6E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 250 13.	10/FEB/94	17/FEB/94	143	13.7	5.55E+04	1	6					
10/FEB/94 16/FEB/94 135 8.7 3.33E+04 1 4 52 3.7E+14 1.1E-14 3.6E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 105 9.0 2.68E+04 2 4 27 3.0E-14 1.4E-15 6.1E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 122 8.1 2.80E+04 1 6 50 4.0E-14 1.3E-14 5.2E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 123 8.6 3.00E+04 1 4 54 4.2E-14 1.3E-14 5.2E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 75 14.3 3.0E+04 2 4 21 2.0E-14 1.1E-15 5.4E-15 SIZ BARREL AREA #18083N 14/FEB/94 17/FEB/94 180 16.2 8.26E+04 1 6 40 1.0E-14 4.1E-15 1.8E-15 SOUTH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 240 17.0 1.16E+05 1 6 52 1.0E-14 3.3E-15 1.3E-15 SOUTH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 183 16.4 8.50E+04 2 4 27 9.4E-15 3.3E-16 1.5E-15 SIZ FEED BELT AREA #1082 14/FEB/94 17/FEB/94 17/FE	10/FEB/94	17/FEB/94	300	14.8	1.26E+05	1						
10/FEB/94 17/FEB/94 105 9.0 2.68E+04 2 4 27 3.0E-14 1.4E-15 6.1E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 122 8.1 2.80E+04 1 6 50 4.0E-14 1.3E-14 5.2E-15 DRESSER PAY LOADER #9112 10/FEB/94 16/FEB/94 123 8.6 3.00E+04 1 4 54 4.2E-14 1.3E-14 4.0E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 75 14.3 3.04E+04 2 4 21 2.0E-14 1.1E-15 5.4E-15 SI/2 BARREL AREA #18083N 14/FEB/94 17/FEB/94 17/FEB/94 180 16.2 8.26E+04 1 6 40 1.0E-14 4.3E-15 5.4E-15 SOUTH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 183 16.4 8.50E+04 2 4 27 9.4E-15 4.5E-16 1.9E-15 SOUTH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 183 16.4 8.50E+04 2 4 27 9.4E-15 4.5E-16 1.9E-15 SI/2 FEED BELT AREA #1082 14/FEB/94 17/FEB/94 122 12.4 4.28E+04 2 4 25 1.7E-14 8.6E-16 3.8E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 19/FEB/94 228 16.7 1.08E+05 2 2 7 8.1E-15 3.4E-16 1.1E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 19/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.2E-15 SI/2 FEED BELT AREA #1082 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.2E-15 SI/2 FEED BELT AREA #1082 15/FEB/94 18/FEB/94 250 15.8 1.2Fe+05 2 3 19 2.8E-15 1.5E-15 SUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 15.8 1.2Fe+05 2 3 28.2E-15 3.EE-15 1.5E-15 SUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 15.8 1.2Fe+05 2 3 29 8.2E-15 3.EE-15 1.5E-15 SI/2 FEED BELT AREA #1082 15/FEB/94 18/FEB/94 250 15.8 1.2Fe+05 2 3 3 9 5.4E-14 1.9E-15 6.1E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 250 15.8 2.3IE+04 2 3 39 5.4E-14 1.9E-15 6.1E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 165	10/FEB/94	16/FEB/94	129	13.5	4.93E+04	1						
10/FEB/94 17/FEB/94 122 8.1 2.80E+04 1 6 50 4.0E-14 1.3E-14 5.2E-15 DRESSER PAY LOADER #9112 10/FEB/94 16/FEB/94 123 8.6 3.00E+04 1 4 54 4.2E-14 1.3E-14 4.0E-15 DRESSER PAY LOADER #9112 10/FEB/94 17/FEB/94 75 14.3 3.04E+04 2 4 21 2.0E-14 1.1E-15 5.4E-15 S1/2 BARREL AREA #18083N 14/FEB/94 17/FEB/94 180 16.2 8.26E+04 1 6 40 1.0E-14 3.3E-15 S0UTH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 17/FEB/94 17/FEB/94 183 16.4 8.50E+04 2 4 27 9.4E-15 4.5E-16 1.9E-15 S1/2 FEED BELT AREA #1082 14/FEB/94 17/FEB/94 237 16.3 1.09E+05 2 4 23 6.1E-15 3.3E-16 1.5E-15 S1/2 FEED BELT AREA #1082 14/FEB/94 17/FEB/94 227 18.3 8 .75E+04 1 6 41 1.0E-14 3.9E-15 1.7E-15 WEST PERIMETER #7218 14/FEB/94 17/FEB/94 122 12.4 4.28E+04 2 4 25 1.7E-15 4.5E-16 1.3E-15 DRESSER PAY LOADER #9112 14/FEB/94 17/FEB/94 122 12.4 4.28E+04 2 4 25 1.7E-15 4.5E-16 3.8E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 19/FEB/94 228 16.7 1.08E+05 2 2 7 8.1E-15 3.4E-16 1.1E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 228 16.7 1.08E+05 2 2 7 8.1E-15 3.4E-16 1.1E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.1E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.1E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.1E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 13.8 1.27E+05 2 3 27 7.2E-15 3.2E-16 1.1E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 13.8 1.27E+05 2 3 27 7.2E-15 3.2E-16 1.2E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 13.8 1.27E+05 2 3 27 7.2E-15 3.2E-16 1.2E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 13.8 1.27E+05 2 3 29 2.8E-15 3.1E-16 5.1E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 250 13.8 1.27E+05 2 3 39 5.4E-14 1.9E-15 5.6E-15 DRESSER PAY LOADER #7112 15/FEB/94 18/FEB/94 250 13.8 9.77E+04 1 6 44 9.9E-15 3.6E-15 DRESSER PAY LOADER #7112 15/FEB/94 18/FEB/94 250 13.8 9.77E+04 1 6 48 2.6E-14 8.9E-15 3.5E-15 DRESSER PAY LOADER #7112 15/FEB/94 18/FEB/94 18/FEB/94 250 13.8 9.77E+04 1 6 48 2.6E-14 8.9E-15 3.5E-15 DRE	10/FEB/94	16/FEB/94	135	8.7	3.33E+04							
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10/FEB/94 17/FEB/94 75 14.3 3.04E+04 2 4 21 2.0E-14 1.1E-15 5.4E-15 S1/2 BARREL AREA #18083N 14/FEB/94 17/FEB/94 180 16.2 8.26E+04 1 6 40 1.0E-14 4.1E-15 1.8E-15 SOUTH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 240 17.0 1.16E+05 1 6 52 1.0E-14 3.3E-15 1.3E-15 SOUTH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 183 16.4 8.50E+04 2 4 27 9.4E-15 4.5E-16 1.9E-15 S1/2 FEED BELT AREA #1082 14/FEB/94 17/FEB/94 237 16.3 1.09E+05 2 4 23 6.1E-15 3.3E-16 1.5E-15 S1/2 FEED BELT AREA #1082 14/FEB/94 17/FEB/94 197 13.8 7.70E+04 2 4 21 7.7E-15 4.4E-16 2.1E-15 WEST PERIMETER #7218 14/FEB/94 17/FEB/94 122 12.4 4.28E+04 2 4 25 1.7E-14 8.6E-16 3.8E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 159 16.4 7.38E+04 1 6 39 1.1E-14 4.5E-15 2.0E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.08E+05 2 2 7 7.2E-15 3.2E-16 1.1E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.1E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.2E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.2E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.2E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.2E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.2E-15 SI/2 FEED BELT AREA #1082 15/FEB/94 18/FEB/94 250 13.8 1.27E+05 2 3 19 2.8E-15 1.6E-16 7.1E-16 SI/2 FEED BELT AREA #1082 15/FEB/94 18/FEB/94 250 13.8 1.27E+05 2 3 39 5.4E-14 1.9E-15 6.1E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 250 13.8 9.77E+04 1 6 44 9.9E-15 3.5E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 18/FEB/94 250 13.8 4.11E+04 1 6 48 2.6E-14 8.9E-15 3.5E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 18/F	10/FEB/94	17/FEB/94	122	8.1	2.80E+04							
14/FEB/94 17/FEB/94 180 16.2 8.26E+04 1 6 40 1.0E-14 4.1E-15 1.8E-15 SOUTH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 240 17.0 1.16E+05 1 6 52 1.0E-14 3.3E-15 1.3E-15 SOUTH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 183 16.4 8.50E+04 2 4 27 9.4E-15 4.5E-16 1.9E-15 S1/2 FEED BELT AREA #1082 14/FEB/94 17/FEB/94 237 16.3 1.09E+05 2 4 23 6.1E-15 3.3E-16 1.5E-15 S1/2 FEED BELT AREA #1082 14/FEB/94 17/FEB/94 197 13.8 7.70E+04 2 4 21 7.7E-15 4.4E-16 2.1E-15 WEST PERIMETER #7218 14/FEB/94 17/FEB/94 224 13.8 8.75E+04 1 6 41 1.0E-14 3.9E-15 1.7E-15 WEST PERIMETER #7218 14/FEB/94 17/FEB/94 122 12.4 4.28E+04 2 4 25 1.7E-14 8.6E-16 3.8E-15 DRESSER PAY LOADER #9112 14/FEB/94 18/FEB/94 159 16.4 7.38E+04 1 6 39 1.1E-14 4.5E-15 5.3E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 228 16.7 1.08E+05 2 2 27 8.1E-15 3.4E-16 1.1E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.2E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.2E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.2E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.2E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 15.5 1.98E+05 2 3 19 2.8E-15 1.6E-16 7.1E-16 S1/2 FEED BELT AREA #1082 15/FEB/94 18/FEB/94 250 13.8 1.27E+05 2 3 39 5.4E-14 1.9E-15 0.0E-16 WEST PERIMETER #7218 15/FEB/94 18/FEB/94 250 13.8 9.77E+04 1 6 44 9.9E-15 3.6E-15 1.5E-15 WEST PERIMETER #7218 15/FEB/94 18/FEB/94 250 13.8 9.77E+04 1 6 44 9.9E-15 3.6E-15 1.5E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 250 13.8 9.77E+04 1 6 44 9.9E-15 3.6E-15 1.5E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 250 13.8 9.77E+04 1 6 44 9.9E-15 3.6E-15 1.5E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 18/FEB/94 250 13.8 0.231E+04 2 3 39 5.4E-14 1.9E-15 0.1E-15 DRESSER PAY LOADER #9112	10/FEB/94	16/FEB/94	123	8.6	3.00E+04							
14/FEB/94 17/FEB/94 240 17.0 1.16E+05 1 6 52 1.0E-14 3.3E-15 SOUTH SIDE OF S1 #7219 14/FEB/94 17/FEB/94 183 16.4 8.50E+04 2 4 27 9.4E-15 4.5E-16 1.9E-15 S1/2 FEED BELT AREA #1082 14/FEB/94 17/FEB/94 237 16.3 1.09E+05 2 4 23 6.1E-15 3.3E-16 1.5E-15 S1/2 FEED BELT AREA #1082 14/FEB/94 17/FEB/94 237 16.3 1.09E+05 2 4 23 6.1E-15 3.3E-16 1.5E-15 S1/2 FEED BELT AREA #1082 14/FEB/94 17/FEB/94 197 13.8 7.70E+04 2 4 21 7.7E-15 4.4E-16 2.1E-15 WEST PERIMETER #7218 14/FEB/94 17/FEB/94 224 13.8 8.75E+04 1 6 41 1.0E-14 3.9E-15 1.7E-15 WEST PERIMETER #7218 14/FEB/94 17/FEB/94 122 12.4 4.28E+04 2 4 25 1.7E-14 8.6E-16 3.8E-15 DRESSER PAY LOADER #9112 14/FEB/94 17/FEB/94 129 8.4 3.07E+04 2 4 27 2.6E-14 1.2E-15 5.3E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 159 16.4 7.38E+04 1 6 39 1.1E-14 4.5E-15 2.0E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 228 16.7 1.08E+05 2 2 27 8.1E-15 3.4E-16 1.1E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.2E-15 S1/2 FEED BELT AREA #1082 15/FEB/94 18/FEB/94 326 13.8 1.27E+05 2 3 27 7.2E-15 3.2E-16 1.2E-15 S1/2 FEED BELT AREA #1082 15/FEB/94 18/FEB/94 250 13.8 9.77E+04 1 6 44 9.9E-15 3.6E-15 DRESSER PAY LOADER #7112 15/FEB/94 18/FEB/94 250 13.8 9.77E+04 1 6 44 9.9E-15 3.6E-15 DRESSER PAY LOADER #7112 15/FEB/94 18/FEB/94 250 13.8 9.77E+04 1 6 44 9.9E-15 3.6E-15 DRESSER PAY LOADER #7112 15/FEB/94 18/FEB/94 250 13.8 9.77E+04 1 6 44 9.9E-15 3.6E-15 DRESSER PAY LOADER #7112 15/FEB/94 18/FEB/94 250 13.8 9.77E+04 1 6 44 9.9E-15 3.6E-15 DRESSER PAY LOADER #7112 15/FEB/94 18/FEB/94 250 13.8 9.77E+04 1 6 44 9.9E-15 3.6E-15 DRESSER PAY LOADER #7112 15/FEB/94 18/FEB/94 165 8.8 4.11E+04 1 6 48 2.6E-14 8.9E-15 3.5E-15 DRESSER PAY LOADER #7112	10/FEB/94	17/FEB/94	75									-
14/FEB/94 17/FEB/94 183 16.4 8.50E+04 2 4 27 9.4E-15 4.5E-16 1.9E-15 S1/2 FEED BELT AREA #1082 14/FEB/94 17/FEB/94 237 16.3 1.09E+05 2 4 23 6.1E-15 3.3E-16 1.5E-15 S1/2 FEED BELT AREA #1082 14/FEB/94 17/FEB/94 197 13.8 7.70E+04 2 4 21 7.7E-15 4.4E-16 2.1E-15 WEST PERIMETER #7218 14/FEB/94 17/FEB/94 224 13.8 8.75E+04 1 6 41 1.0E-14 3.9E-15 1.7E-15 WEST PERIMETER #7218 14/FEB/94 17/FEB/94 122 12.4 4.28E+04 2 4 25 1.7E-14 8.6E-16 3.8E-15 DRESSER PAY LOADER #9112 14/FEB/94 17/FEB/94 129 8.4 3.07E+04 2 4 27 2.6E-14 1.2E-15 5.3E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 159 16.4 7.38E+04 1 6 39 1.1E-14 4.5E-15 2.0E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 190 18.1 9.74E+04 1 6 50 1.1E-14 3.8E-15 1.5E-15 SOUTH SIDE OF S1 #7219 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.2E-15 S1/2 FEED BELT AREA #1082 15/FEB/94 18/FEB/94 250 16.4 1.16E+05 2 3 27 7.2E-15 3.2E-16 1.2E-15 S1/2 FEED BELT AREA #1082 15/FEB/94 18/FEB/94 326 13.8 1.27E+05 2 2 32 8.2E-15 3.1E-16 9.0E-16 WEST PERIMETER #7218 15/FEB/94 18/FEB/94 250 13.8 9.77E+04 1 6 44 9.9E-15 3.6E-15 1.5E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 250 13.8 9.77E+04 1 6 44 9.9E-15 3.6E-15 1.5E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 95 8.6 2.31E+04 2 3 39 5.4E-14 1.9E-15 6.1E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 18/FEB/94 165 8.8 4.11E+04 1 6 48 2.6E-14 8.9E-15 3.5E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 165 8.8 4.11E+04 1 6 48 2.6E-14 8.9E-15 3.5E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 165 8.8 4.11E+04 1 6 48 2.6E-14 8.9E-15 3.5E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 165 8.8 4.11E+04 1 6 48 2.6E-14 8.9E-15 3.5E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 165 8.8 4.11E+04 1 6 48 2.6E-14 8.9E-15 3.5E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 165 8.8 4.11E+04 1 6 48 2.6E-14 8.9E-15 3.5E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 165 8.8 4.11E+04 1 6 48 2.6E-14 8.9E-15 3.5E-15 DRESSER PAY LOADER #9112 15/FEB/94 18/FEB/94 165 8.8 4.11E+04 1 6 48 2.6E-14 8.9E-15 3.5E-15 DRESSER PAY LOAD	14/FEB/94	17/FEB/94	180									
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15/FEB/94 18/FEB/94 165 8.8 4.11E+04 1 6 48 2.6E-14 8.9E-15 3.5E-15 DRESSER PAY LOADER #9112	-	18/FEB/94										
13/160/74 10/160/74 103	15/FEB/94	18/FEB/94	95	8.6								
15/FEB/94 18/FEB/94 115 8.8 2.87E+04 2 3 49 5.6E-14 1.7E-15 4.9E-15 DRESSER PAY LOADER #9112	15/FEB/94	18/FEB/94	165	8.8								
	15/FEB/94	18/FEB/94	115	8.8	2.87E+04	2	3	49	5.6E-14	1./E-15	4.9E-15	DRESSER PAT LOADER #9112

page 3 of 6

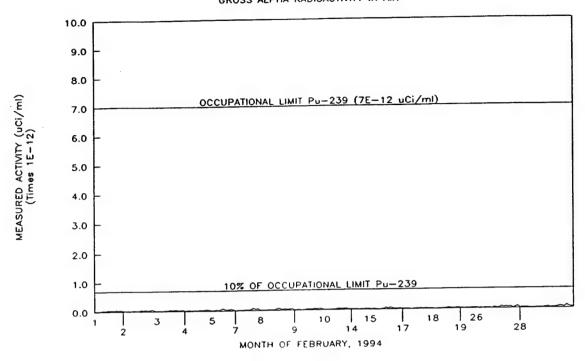
		Sample	Flow	Sample		Gross		Reported	2 2 1	Critical	
Sample	Count	Time	Rate	Volume	Instr	Bkg	Sample	Activity	2 Std	Level	Comple Asso Decemination
Date	Date	(min)	(cfm)	(liters)	No.	Cnt	Cnt	(uCi/ml)	Dev.+/-	(uCi/ml)	Sample Area Description
				2 005.0/		7	25	2.6E-14	1.2E-15	4.7E-15	DRESSER PAY LOADER #9112
15/FEB/94	18/FEB/94		8.8	2.99E+04	2	3 6	25 32	1.3E-14	6.2E-15	2.9E-15	S1/2 BARREL AREA #18083N
15/FEB/94	18/FEB/94	120	14.5	4.93E+04	1		32 44	1.7E-14	6.4E-15	2.6E-15	S1/2 BARREL AREA #18083N
15/FEB/94	18/FEB/94	125	15.6	5.52E+04	1	6		2.5E-14	8.5E-15	3.5E-15	S1/2 BARREL AREA #18083N
15/FEB/94	19/FEB/94	95	16.5	4.44E+04	1	7	51	9.4E-15	3.4E-15	1.5E-15	SOUTH SIDE OF S1 #7219
17/FEB/94	21/FEB/94		16.4	1.08E+05	1		47		5.8E-15	2.5E-15	SOUTH SIDE OF S1 #7219
17/FEB/94	21/FEB/94		17.2	6.33E+04	1	7	48	1.6E-14		2.1E-15	SOUTH SIDE OF ST #7219
17/FEB/94	21/FEB/94	217	16.4	1.01E+05	2	7	37	1.0E-14	4.5E-16	2.5E-15	S1/2 FEED BELT AREA #1082
17/FEB/94	21/FEB/94	135	16.2	6.19E+04	1	7	25	7.4E-15	4.5E-15		S1/2 FEED BELT AREA #1082
17/FEB/94	21/FEB/94	444	16.3	2.05E+05	2	7	35	4.8E-15	2.2E-16	1.1E-15	
17/FEB/94	22/FEB/94	260	14.4	1.06E+05	2	5	25	6.6E-15	3.5E-16	1.7E-15	WEST PERIMETER #7218
17/FEB/94	21/FEB/94	133	13.7	5.16E+04	1	7	55	2.4E-14	7.6E-15	3.0E-15	WEST PERIMETER #7218
17/FEB/94	21/FEB/94	199	8.4	4.73E+04	1	7	37	1.6E-14	7.0E-15	3.3E-15	DRESSER PAY LOADER #9112
17/FEB/94	21/FEB/94	137	8.8	3.41E+04	2	7	27	2.0E-14	1.2E-15	6.3E-15	DRESSER PAY LOADER #9112
17/FEB/94	21/FEB/94	336	8.0	7.61E+04	1	7	47	1.3E-14	4.8E-15	2.1E-15	DRESSER PAY LOADER #9112
17/FEB/94	21/FEB/94	104	8.5	2.50E+04	2	7	26	2.7E-14	1.6E-15	8.6E-15	DRESSER PAY LOADER #9112
17/FEB/94	21/FEB/94	121	16.0	5.48E+04	2	7	25	1.1E-14	7.1E-16	3.9E-15	S1/2 BARREL AREA #18083N
17/FEB/94	21/FEB/94	120	14.0	4.76E+04	2	7	34	2.0E-14	9.2E-16	4.5E-15	S1/2 BARREL AREA #18083N
·18/FEB/94	22/FEB/94	244	16.3	1.13E+05	1	5	48	9.7E-15	3.2E-15	1.2E-15	SOUTH SIDE OF S1 #7219
18/FEB/94	22/FEB/94	345	16.3	1.59E+05	2	5	35	6.6E-15	2.7E-16	1.1E-15	SOUTH SIDE OF S1 #7219
18/FEB/94	22/FEB/94	242	16.3	1.12E+05	2	5	20	4.7E-15	3.1E-16	1.6E-15	S1/2 FEED BELT AREA #1082
18/FEB/94	22/FEB/94	324	16.3	1.50E+05	1	5	58	9.0E-15	2.6E-15	8.9E-16	S1/2 FEED BELT AREA #1082
18/FEB/94	22/FEB/94	223	14.3	9.03E+04	2	5	29	9.3E-15	4.4E-16	2.0E-15	WEST PERIMETER #7218
18/FEB/94	22/FEB/94	239	14.0	9.48E+04	1	5	68	1.7E-14	4.5E-15	1.4E-15	WEST PERIMETER #7218
18/FEB/94	22/FEB/94	328	14.4	1.34E+05	1	5	57	9.9E-15	2.9E-15	9.9E-16	WEST PERIMETER #7218
18/FEB/94	22/FEB/94		8.7	2.37E+04	1	5	43	4.1E-14	1.5E-14	5.6E-15	DRESSER PAY LOADER #9112
18/FEB/94	22/FEB/94		7.8	4.22E+04	2	5	32	2.2E-14	9.9E-16	4.3E-15	DRESSER PAY LOADER #9112
18/FEB/94	22/FEB/94		13.3	8.40E+04	1	5	53	1.5E-14	4.5E-15	1.6E-15	DRESSER PAY LOADER #9112
18/FEB/94	22/FEB/94		8.5	3.01E+04	2	5	25	2.3E-14	1.2E-15	6.1E-15	DRESSER PAY LOADER #9112
18/FEB/94	22/FEB/94		16.6	3.34E+04	1	5	54	3.7E-14	1.1E-14	4.0E-15	S1/2 BARREL AREA #18083N
19/FEB/94	25/FEB/94		16.2	9.96E+04	1	5	53	1.2E-14	3.8E-15	1.3E-15	SOUTH SIDE OF S1 #7219
19/FEB/94	23/FEB/94		15.5	6.89E+04	1	5	48	1.6E-14	5.3E-15	1.9E-15	SOUTH SIDE OF S1 #7219
19/FEB/94	23/FEB/94		15.6	9.63E+04	2	5	27	8.0E-15	4.0E-16	1.9E-15	S1/2 FEED BELT AREA #1082
19/FEB/94	24/FEB/94		15.1	6.63E+04	2	7	31	1.3E-14	6.4E-16	3.3E-15	S1/2 FEED BELT AREA #1082
19/FEB/94	24/FEB/94		13.7	1.05E+05	1	6	42	8.7E-15	3.3E-15	1.4E-15	WEST PERIMETER #7218
19/FEB/94	24/FEB/94	_	8.4	6.26E+04	1	6	49	1.7E-14	5.9E-15	2.3E-15	DRESSER PAY LOADER #9112
19/FEB/94	23/FEB/94	126	8.8	3.14E+04	2	5	26	2.3E-14	1.2E-15	5.8E-15	DRESSER PAY LOADER #9112
26/FEB/94	01/MAR/94	170	15.5	7.46E+04	2	5	45	1.9E-14	6.5E-16	2.4E-15	SOUTH SIDE OF S1 #7219
26/FEB/94	01/MAR/94	115	15.5	5.05E+04	1	2	38	1.8E-14	6.2E-15	1.7E-15	SOUTH SIDE OF S1 #7219
26/FEB/94	01/MAR/94		15.5	8.25E+04	1	2	53	1.6E-14	4.5E-15	1.0E-15	SOUTH SIDE OF S1 #7219
26/FEB/94	01/MAR/94		15.2	6.24E+04	2	5	24	1.1E-14	5.9E-16	2.9E-15	SOUTH SIDE OF S1 #7219
-	01/HAR/94		16.5	9.95E+04	2	5	39	1.2E-14	4.6E-16	1.8E-15	S1/2 FEED BELT AREA #1082
26/FEB/94	01/MAR/94		16.0	9.33E+04	1	2	39	1.0E-14	3.4E-15	9.0E-16	S1/2 FEED BELT AREA #1082
26/FEB/94			16.2	6.61E+04	1	2	42	1.5E-14	5.0E-15	1.3E-15	S1/2 FEED BELT AREA #1082
26/FEB/94	01/MAR/94			8.28E+04	2	5	25	8.4E-15	4.5E-16	2.2E-15	WEST PERIMETER #7218
26/FEB/94	01/MAR/94		13.6 13.6	2.77E+04	1	2	44	3.8E-14	1.2E-14	3.0E-15	WEST PERIMETER #7218
26/FEB/94	01/MAR/94			7.61E+04	2	5	27	1.0E-14	5.1E-16	2.4E-15	WEST PERIMETER #7218
26/FEB/94	01/MAR/94		14.0	5.47E+04	1	2	37	1.6E-14	5.7E-15	1.5E-15	WEST PERIMETER #7218
26/FEB/94	01/MAR/94		13.6			2	58	6.8E-14	1.8E-14	4.0E-15	DRESSER PAY LOADER #9112
26/FEB/94	01/MAR/94		8.4	2.09E+04	1	5	37	3.6E-14	1.4E-15	5.9E-15	DRESSER PAY LOADER #9112
26/FEB/94	01/MAR/94		8.3	3.08E+04	2	5		6.1E-14	2.1E-15	8.1E-15	DRESSER PAY LOADER #9112
26/FEB/94	01/MAR/94		8.1	2.25E+04	2		44		1.5E-15	6.3E-15	DRESSER PAY LOADER #9112
26/FEB/94	02/MAR/94		7.3	3.18E+04	2	6	42	3.9E-14	2.0E-14	7.8E-15	DRESSER PAY LOADER #9112
26/FEB/94	02/MAR/94	91	7.2	1.86E+04	1	6	47	5.6E-14	2.UE-14	1.05-13	DALSSER FAT LUMBER WITTE

file name: arpt0294.wr1 page 4 of 6

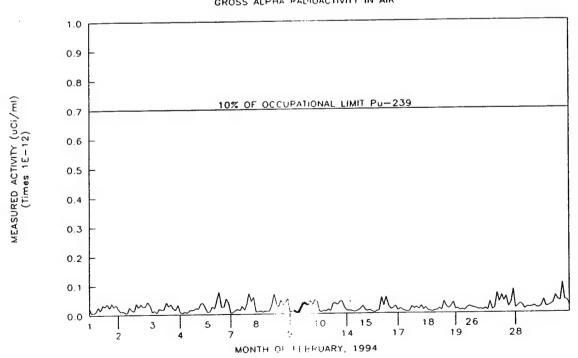
			Sample	Flow	Sample		Gross		Reported		Critical	
	Sample	Count	Time	Rate	Volume	Instr	Bkg	Sample	Activity	2 Std	Level	Comple Asso Description
	Date	Date	(min)	(cfm)	(liters)	No.	Cnt	Cnt	(uCi/ml)	Dev.+/-	(uCi/ml)	Sample Area Description
												04 (2 DADDEL ADEA #19097U
	26/FEB/94	02/MAR/94	164	14.7	6.83E+04	1	6	58	1.9E-14	5.8E-15	2.1E-15	S1/2 BARREL AREA #18083N
	26/FEB/94	02/MAR/94	70	14.5	2.87E+04	. 5	6	34	3.4E-14	1.5E-15	6.9E-15	S1/2 BARREL AREA #18083N
•	26/FEB/94	02/MAR/94	45	13.4	1.71E+04	1	6	60	8.0E-14	2.4E-14	8.5E-15	S1/2 BARREL AREA #18083N SOUTH SIDE OF S1 #7219
	28/FEB/94	02/MAR/94	134	15.5	5.88E+04	2	6	33	1.6E-14	7.3E-16	3.4E-15	SOUTH SIDE OF S1 #7219
	28/FEB/94	02/MAR/94	119	16.3	5.49E+04	1	6	56	2.3E-14	7.1E-15	2.6E-15	
	28/FEB/94	03/MAR/94	72	15.5	3.16E+04	2	4	32	3.1E-14	1.3E-15	5.2E-15	SOUTH SIDE OF S1 #7219
	28/FEB/94	03/MAR/94	108	15.3	4.68E+04	1	7	56	2.7E-14	8.4E-15	3.3E-15	SOUTH SIDE OF S1 #7219
	28/FEB/94	03/HAR/94	161	15.5	7.07E+04	1	7	39	1.1E-14	4.8E-15	2.2E-15	SOUTH SIDE OF S1 #7219 S1/2 FEED BELT AREA #1082
	28/FEB/94	02/MAR/94	135	16.3	6.23E+04	1	6	55	2.0E-14	6.2E-15	2.3E-15	
	28/FEB/94	02/MAR/94	120	16.0	5.44E+04	1	6	44	1.8E-14	6.5E-15	2.7E-15	\$1/2 FEED BELT AREA #1082
	28/FEB/94	03/MAR/94	72	15.2	3.10E+04	2	4	21	1.9E-14	1.1E-15	5.3E-15	S1/2 FEED BELT AREA #1082
	28/FEB/94	03/MAR/94	109	15.5	4.78E+04	1	7	51	2.3E-14	7.9E-15	3.3E-15	S1/2 FEED BELT AREA #1082
	28/FEB/94	03/MAR/94	157	15.7	6.98E+04	1	7	52	1.6E-14	5.5E-15	2.2E-15	S1/2 FEED BELT AREA #1082
	28/FEB/94	02/HAR/94	138	14.0	5.47E+04	2	6	31	1.6E-14	7.6E-16	3.6E-15	WEST PERIMETER #7218
	28/FEB/94	02/MAR/94		13.5	4.51E+04	2	6	34	2.2E-14	9.6E-16	4.4E-15	WEST PERIMETER #7218
	28/FEB/94	03/MAR/94		13.8	2.81E+04	2	4	39	4.3E-14	1.6E-15	5.8E-15	WEST PERIMETER #7218
		03/MAR/94		13.5	4.09E+04	2	4	27	2.0E-14	9.3E-16	4.0E-15	WEST PERIMETER #7218
	28/FEB/94			13.6	5.82E+04	2	4	41	2.2E-14	7.9E-16	2.8E-15	WEST PERIMETER #7218
	28/FEB/94	03/MAR/94 02/MAR/94		8.3	2.73E+04	1	6	35	2.7E-14	1.2E-14	5.3E-15	DRESSER PAY LOADER #9112
	28/FEB/94	02/MAR/94 02/MAR/94		8.3	2.77E+04	2	6	31	3.1E-14	1.5E-15	7.2E-15	DRESSER PAY LOADER #9112
	28/FEB/94	02/MAR/94 02/MAR/94		7.7	1.90E+04	_	6	49	5.8E-14	1.9E-14	7.6E-15	DRESSER PAY LOADER #9112
	28/FEB/94	02/MAR/94 03/MAR/94	107	7.5	2.27E+04		7	46	4.4E-14	1.6E-14	6.9E-15	DRESSER PAY LOADER #9112
	28/FEB/94	03/MAR/94 02/MAR/94		7.5	2.29E+04	2	6	32	4.0E-14	1.8E-15	8.7E-15	DRESSER PAY LOADER #9112
	28/FEB/94	02/MAR/94		8.4	1.14E+04		4	37	1.0E-13	3.8E-15	1.4E-14	DRESSER PAY LOADER #9112
	28/FEB/94 28/FEB/94	03/MAR/94 02/MAR/94		14.0	2.62E+04		6	51	4.4E-14	1.4E-14	5.5E-15	S1/2 BARREL AREA #18083N
		02/MAR/94	60	13.9	2.36E+04	2	6	34	4.1E-14	1.8E-15	8.5E-15	S1/2 BARREL AREA #18083
	28/FEB/94	02/MAR/94 03/MAR/94		14.5	3.49E+04	2	4	31	2.7E-14	1.2E-15	4.7E-15	S1/2 BARREL AREA #18083N
	28/FEB/94	U3/MAK/94	60	14.5	3.476.04	-	,	- /				

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JA PLUTONIUM SITE GROSS ALPHA RADIOACTIVITY IN AIR



JA PLUTONIUM SITE



TMA/EBERLINE-JOHNSTON ATOLL GROSS ALPHA RADIOACTIVITY IN AIR TEST RESULTS FOR THE MONTH OF MARCH, 1994

THIS REPORT WAS REVIEWED BY

IOHNSTON ATOLL SITE MANAGER

DATE: 4 AR94

The current 10CFR PART 20 "Standards for Protection Against Radiation" limits of concentration in air for Pu-239 are as follows:

Occupational Limit = 7 E-12 uCi/ml

50 min

SAMPLE CNT TIME:

JOHNSTON ATOLL SITE NAME: MS-2/RD-14 SN: 354/407 INSTRUMENT NO.1 REPORT DATE: 06-APR-94 08-JUN-94 CAL DUE DATE: S. PARKER/J. WOODS ESP-2/43-1 SN:964/PR033568 COMPILED BY: INSTRUMENT NO.2 05-JUL-94 CAL DUE DATE: 0.375 4 pi RECALIBRATED 08-MAR-94 CAL DUE: 08-SEP-94 EFF= 0.355 4 pi EFF INSTR NO.1 = 0.294 4 pi CAL DUE: 08-SEP-94 EFF= RECALIBRATED 08-MAR-94 0.258 4 pi EFF INSTR NO.2 = BKG COUNT TIME: 50 min

Sample Date	Count Date	Sample Time (min)	Flow Rate (cfm)	Sample Volume (liters)	Instr No.	Gross Bkg Cnt	Gross Sample Cnt	Reported Activity (uCi/ml)	2 Std Dev.+/-	Critical Level (uCi/ml)	Sample Area Description
01/MAR/94	03/MAR/94	260	15.1	1.11E+05	2	4	32	8.8E-15	3.7E-16	1.5E-15	SOUTH SIDE OF S1 #7219
01/MAR/94	04/MAR/94	311	15.8	1.39E+05	1	6	55	8.9E-15	2.8E-15	1.0E-15	SOUTH SIDE OF S1 #7219
01/MAR/94	04/MAR/94	261	13.3	9.83E+04	1	6	50	1.1E-14	3.8E-15	1.5E-15	S1/2 FEED BELT AREA #1082
01/MAR/94	04/MAR/94	311	15.5	1.37E+05	1	6	54	8.9E-15	2.8E-15	1.1E-15	S1/2 FEED BELT AREA #1082
01/MAR/94	04/MAR/94	260	10.7	7.88E+04	2	7	23	7.1E-15	4.8E-16	2.7E-15	WEST PERIMETER #7218
01/MAR/94	04/MAR/94	309	13.3	1.16E+05	2	7	36	8.7E-15	3.9E-16	1.9E-15	WEST PERIMETER #7218
01/MAR/94	03/MAR/94	98	7.8	2.16E+04	2	4	37	5.3E-14	2.0E-15	7.5E-15	DRESSER PAYLOADER #9112
01/HAR/94	03/MAR/94	195	8.1	4.47E+04	1	7	57	2.8E-14	8.9E-15	3.5E-15	DRESSER PAYLOADER #9112
01/MAR/94	04/MAR/94	95	8.0	2.15E+04	2	7	38	5.0E-14	2.1E-15	1.0E-14	DRESSER PAYLOADER #9112
01/MAR/94	04/MAR/94	124	7.2	2.53E+04	1	6	65	5.9E-14	1.7E-14	5.7E-15	DRESSER PAYLOADER #9112
01/MAR/94	04/MAR/94	76	7.5	1.61E+04	2	7	31	5.2E-14	2.6E-15	1.3E-14	DRESSER PAYLOADER #9112
01/MAR/94	03/MAR/94	99	14.3	4.01E+04	1	7	47	2.5E-14	9.1E-15	3.9E-15	HOT BARREL AREA #18083N
02/MAR/94	04/MAR/94	302	15.3	1.31E+05	2	7	31	6.4E-15	3.2E-16	1.6E-15	SOUTH SIDE OF S1 #7219
02/MAR/94	05/MAR/94	252	14.8	1.06E+05	1	6	46	9.6E-15	3.4E-15	1.4E-15	SOUTH SIDE OF S1 #7219
02/MAR/94	04/MAR/94	308	12.6	1.10E+05	1	6	50	1.0E-14	3.4E-15	1.3E-15	S1/2 FEED BELT AREA #1082
02/MAR/94	05/MAR/94	250	15.2	1.08E+05	1	6	46	9.4E-15	3.3E-15	1.3E-15	S1/2 FEED BELT AREA #1082
02/MAR/94	04/MAR/94	313	13.5	1.20E+05	2	7	20	3.8E-15	3.0E-16	1.8E-15	WEST PERIMETER #7218
02/MAR/94	05/MAR/94	248	13.6	9.55E+04	2	8	21	4.8E-15	3.9E-16	2.4E-15	WEST PERIMETER #7218
02/MAR/94	04/MAR/94	103	. 7.6	2.22E+04	1	6	54	5.5E-14	1.7E-14	6.5E-15	DRESSER PAYLOADER #9112
02/MAR/94	04/MAR/94	140	7.9	3.13E+04	1	6	56	4.1E-14	1.3E-14	4.6E-15	DRESSER PAYLOADER #9112
02/MAR/94	05/MAR/94	199	7.2	4.06E+04	2	8	27	1.6E-14	1.0E-15	5.7E-15	DRESSER PAYLOADER #9112
02/MAR/94	05/MAR/94	109	7.6	2.35E+04	2	8	28	3.0E-14	1.8E-15	9.8E-15	DRESSER PAYLOADER #9112
02/MAR/94	04/MAR/94	110	14.5	4.52E+04	2	7	27	1.5E-14	8.8E-16	4.8E-15	HOT BARREL AREA #18083N
02/MAR/94	04/MAR/94	125	14.0	4.96E+04	1	6	51	2.3E-14	7.6E-15	2.9E-15	HOT BARREL AREA #18083N
03/MAR/94	05/MAR/94	537	14.6	2.22E+05	2	8	47	6.1E-15	2.3E-16	1.0E-15	SOUTH SIDE OF S1 #7219
03/MAR/94	05/MAR/94	537	10.8	1.64E+05	2	8	25	3.6E-15	2.4E-16	1.4E-15	S1/2 FEED BELT AREA #1082
03/MAR/94	05/MAR/94	537	12.4	1.89E+05	2	8	42	6.3E-15	2.6E-16	1.2E-15	WEST PERIMETER #7218

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		Sample	Flow	Sample		Gross	Gross	Reported		Critical	
Sample	Count	Time	Rate	Volume	Instr	Bkg	Sample	Activity	2 Std	Level	
Date	Date	(min)	(cfm)	(liters)	No.	Cnt	Cnt	(uCi/ml)	Dev.+/-	(uCi/ml)	Sample Area Description
03/MAR/94	04/MAR/94	102	8.1	2.34E+04	2	7	51	6.6E-14	2.2E-15	9.2E-15	DRESSER PAYLOADER #9112
03/MAR/94	05/MAR/94	145	7.9	3.24E+04	2	8	26	1.9E-14	1.2E-15	7.1E-15	DRESSER PAYLOADER #9112
03/MAR/94	05/MAR/94	177	6.8	3.41E+04	1	6	69	4.7E-14	1.3E-14	4.3E-15	DRESSER PAYLOADER #9112
03/MAR/94	05/MAR/94	114	7.2	2.32E+04	1	6	53	5.1E-14	1.6E-14	6.2E-15	DRESSER PAYLOADER #9112
03/MAR/94	05/MAR/94	125	13.9	4.92E+04	1	6	63	2.9E-14	8.4E-15	2.9E-15	HOT BARREL AREA #18083N
03/MAR/94	05/MAR/94	92	13.0	3.39E+04	1	6	70	4.8E-14	1.3E-14	4.3E-15	HOT BARREL AREA #18083N
04/MAR/94	09/MAR/94	267	15.3	1.16E+05	2	8	78	1.9E-14	4.8E-16	1.7E-15	SOUTH SIDE OF S1 #7219
04/MAR/94	08/MAR/94	273	15.3	1.18E+05	2	7	37	7.8E-15	3.4E-16	1.6E-15	SOUTH SIDE OF S1 #7219
04/MAR/94	09/MAR/94	271	15.2	1.17E+05	1	7	64	1.2E-14	3.4E-15	1.3E-15	S1/2 FEED BELT AREA #1082
04/MAR/94	08/MAR/94	272	15.0	1.16E+05	2	7	23	4.2E-15	2.8E-16	1.6E-15	S1/2 FEED BELT AREA #1082
04/MAR/94	09/MAR/94	272	13.5	1.04E+05	2	8	40	9.4E-15	4.0E-16	1.9E-15	WEST PERIMETER #7218
04/MAR/94	08/MAR/94	268	13.1	9.94E+04	2	7	26	5.9E-15	3.5E-16	1.9E-15	WEST PERIMETER #7218
04/MAR/94	09/MAR/94	105	8.6	2.56E+04	2	8	35	3.2E-14	1.5E-15	7.9E-15	DRESSER PAYLOADER #9112
04/MAR/94	09/MAR/94	134	8.4	3.19E+04	2	8	35	2.6E-14	1.2E-15	6.3E-15	DRESSER PAYLOADER #9112
04/MAR/94	09/MAR/94	180	7.9	4.03E+04	1	7	70	3.8E-14	1.0E-14	3.7E-15	DRESSER PAYLOADER #9112
04/MAR/94	08/MAR/94	118	7.9	2.64E+04	2	7	23	1.9E-14	1.2E-15	7.2E-15	DRESSER PAYLOADER #9112
04/MAR/94	09/MAR/94	195	13.6	7.51E+04	1	7	67	1.9E-14	5.4E-15	2.0E-15	HOT BARREL AREA #18083N
04/MAR/94	09/MAR/94	120	12.9	4.38E+04	2	8	48	2.8E-14	1.0E-15	4.6E-15	HOT BARREL AREA #18083N
05/MAR/94	09/MAR/94	138	15.5	6.06E+04	2	8	32	1.2E-14	6.3E-16	3.3E-15	SOUTH SIDE OF S1 #7219
05/MAR/94	09/MAR/94	140	15.2	6.03E+04	1	7	38	1.2E-14	5.2E-15	2.5E-15	S1/2 FEED BELT AREA #1082
05/MAR/94	09/MAR/94	135	13.5	5.16E+04	1	7	40	1.5E-14	6.3E-15	2.9E-15	WEST PERIMETER #7218
05/MAR/94	09/MAR/94	140	9.5	3.77E+04	1	7	61	3.4E-14	1.0E-14	3.9E-15	DRESSER PAYLOADER #9112
05/MAR/94	09/MAR/94	140	13.2	5.23E+04	2	8	31	1.3E-14	7.2E-16	3.9E-15	HOT BARREL AREA #18083N
11/MAR/94	15/HAR/94	170	15.2	7.32E+04	2	6	39	1.4E-14	5.5E-16	2.4E-15	SOUTH SIDE OF S1 #7219
11/MAR/94	15/MAR/94	175	15.1	7.48E+04	1	9	43	1.1E-14	4.5E-15	2.2E-15	S1/2 FEED BELT AREA #1082
11/MAR/94	15/MAR/94	77	13.0	2.83E+04	1	9	55	3.9E-14	1.3E-14	5.9E-15	WEST PERIMETER #7218
11/MAR/94	15/MAR/94	120	14.0	4.76E+04	2	6	32	1.7E-14	7.8E-16	3.7E-15	WEST PERIMETER #7218
11/MAR/94	15/MAR/94	104	14.0	4.12E+04	2	6	32	1.9E-14	9.0E-16	4.2E-15	DRESSER PAYLOADER #9112
11/MAR/94	15/MAR/94	162	8.4	3.85E+04	1	9	73	4.0E-14	1.1E-14	4.4E-15	DRESSER PAYLOADER #9112
11/MAR/94	15/MAR/94	165	13.5	6.31E+04	1	9	54	1.7E-14	5.9E-15	2.7E-15	HOT BARREL AREA #18083N
15/MAR/94	17/MAR/94	104	15.5	4.57E+04	1	1	56	2.9E-14	7.8E-15	1.2E-15	SOUTH SIDE OF S1 #7219
15/MAR/94	17/MAR/94	165	14.8	6.92E+04	2	9	29	8.9E-15	5.4E-16	3.1E-15	SOUTH SIDE OF S1 #7219
15/MAR/94	18/MAR/94	128	14.0	5.07E+04	1	11	51	1.9E-14	7.3E-15	3.7E-15	SOUTH SIDE OF S1 #7219
15/MAR/94	17/MAR/94	105	16.0	4.76E+04.	1	1	55	2.7E-14	7.4E-15	1.2E-15	S1/2 FEED BELT AREA #1082
15/MAR/94	18/MAR/94	207	14.5	8.50E+04	2	6	30	8.7E-15	4.2E-16	2.1E-15	S1/2 FEED BELT AREA #1082
15/MAR/94	17/MAR/94	83	14.5	3.41E+04	1	1	47	3.2E-14	9.6E-15	1.6E-15	S1/2 FEED BELT AREA #1082
15/HAR/94	18/MAR/94	70	13.0	2.58E+04	1	11	50	3.6E-14	1.4E-14	7.2E-15	WEST PERIMETER #7218
15/MAR/94	17/MAR/94	106	11.5	3.45E+04	2	9	43	3.0E-14	1.3E-15	6.2E-15	WEST PERIMETER #7218
15/MAR/94	17/MAR/94	88	12.5	3.12E+04	1	1	59	4.5E-14	1.2E-14	1.8E-15	WEST PERIMETER #7218
15/MAR/94	17/MAR/94	44	12.5	1.56E+04	1	1	49	7.4E-14	2.1E-14	3.6E-15	WEST PERIMETER #7218
15/MAR/94	18/MAR/94	68	14.3	2.75E+04	2	6	35	3.2E-14	1.4E-15	6.4E-15	WEST PERIMETER #7218
15/MAR/94	16/MAR/94	90	8.1	2.06E+04	1	10	53	5.0E-14	1.8E-14	8.6E-15	DRESSER PAYLOADER #9112
15/MAR/94	17/MAR/94	84	8.4	2.00E+04	2	9	26	2.6E-14	1.8E-15	1.1E-14	DRESSER PAYLOADER #9112
15/MAR/94	18/MAR/94	77	8.4	1.83E+04	2	6	25	3.2E-14	1.8E-15	9.6E-15	DRESSER PAYLOADER #9112
15/MAR/94	18/MAR/94	43	8.4	1.02E+04	1	11	55	1.0E-13	3.7E-14	1.8E-14	DRESSER PAYLOADER #9112
	17/MAR/94	60	7.8	1.33E+04	2	9	33	5.5E-14	2.9E-15	1.6E-14	DRESSER PAYLOADER #9112
15/MAR/94	18/MAR/94	57	8.6	1.39E+04	1	11	55	7.6E-14	2.8E-14	1.3E-14	DRESSER PAYLOADER #9112
15/MAR/94	18/MAR/94	68	7.8	1.50E+04	1	11	75	1.0E-13	2.9E-14	1.2E-14	DRESSER PAYLOADER #9112
15/MAR/94	17/MAR/94	61	14.0	2.42E+04	1	1	53	5.2E-14	1.4E-14	2.3E-15	HOT BELT AREA #18083N
15/MAR/94	17/MAR/94	74	15.5	3.25E+04	2	9	37	2.6E-14	1.3E-15	6.6E-15	HOT BELT AREA #18083N
15/MAR/94	17/MAR/94	52	14.3	2.11E+04	1	1	37	4.1E-14	1.4E-14	2.7E-15	HOT BELT AREA #18083N
15/HAR/94 15/MAR/94	17/MAR/94	56	14.5	2.30E+04	2	9	36	3.6E-14	1.8E-15	9.3E-15	HOT BELT AREA #18083N
12/11/11(/ <b>7</b> 4	11/DAR/94	70	14.5	£.30£704	٤	,	30	J.0L 14	1.UL 17	,	HOT BEET HALA # 10000H

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		Sample	Flow	Sample		Gross	Gross	Reported		Critical	
Camala	Count	Time	Rate	•	Instr	Bkg	Sample	Activity	2 Std	Level	
Sample	Date	(min)	(cfm)	(liters)	No.	Cnt	Cnt	(uCi/ml)	Dev.+/-	(uCi/ml)	Sample Area Description
Date											
15/MAR/94	18/MAR/94	53	14.0	2.10E+04	2	6	25	2.8E-14	1.6E-15	8.3E-15	HOT BELT AREA #18083N
16/MAR/94		130	15.0	5.52E+04	1	2	43	1.8E-14	5.7E-15	1.4E-15	SOUTH SIDE OF S1 #7219
16/MAR/94		170	14.8	7.13E+04	1	2	47	1.5E-14	4.6E-15	1.1E-15	SOUTH SIDE OF S1 #7219
16/MAR/94	18/MAR/94	142	15.0	6.03E+04	1	11	40	1.2E-14	5.6E-15	3.1E-15	SOUTH SIDE OF \$1 #7219
16/MAR/94	19/MAR/94	136	15.5	5.97E+04	1	2	47	1.8E-14	5.5E-15	1.3E-15	S1/2 FEED BELT AREA #1082
16/MAR/94	18/MAR/94	170	15.0	7.22E+04	2	6	33	1.1E-14	5.2E-16	2.4E-15	S1/2 FEED BELT AREA #1082
16/MAR/94	18/HAR/94	139	15.0	5.90E+04	2	6	30	1.2E-14	6.1E-16	3.0E-15	S1/2 FEED BELT AREA #1082
16/MAR/94	19/MAR/94	137	16.2	6.29E+04	2	6	25	9.3E-15	5.3E-16	2.8E-15	WEST PERIMETER #7218
16/MAR/94	19/MAR/94	130	15.9	5.85E+04	1	2	61	2.4E-14	6.4E-15	1.4E-15	WEST PERIMETER #7218
16/MAR/94	18/MAR/94	89	15.2	3.83E+04	2	6	19	1.0E-14	7.8E-16	4.6E-15	WEST PERIMETER #7218
16/MAR/94	18/MAR/94	88	15.0	3.74E+04	1	11	48	2.4E-14	9.7E-15	5.0E-15	WEST PERIMETER #7218
16/MAR/94	19/MAR/94	131	8.1	3.01E+04	1	6	27	1.7E-14	9.0E-15	4.6E-15	DRESSER PAYLOADER #9112
16/MAR/94	19/MAR/94	84	7.9	1.88E+04	2	6	32	4.2E-14	2.0E-15	9.3E-15	DRESSER PAYLOADER #9112
16/MAR/94	18/MAR/94	79	7.8	1.75E+04	2	6	34	4.9E-14	2.2E-15	1.0E-14	DRESSER PAYLOADER #9112
16/MAR/94	18/MAR/94	99	7.7	2.16E+04	1	11	65	6.0E-14	1.9E-14	8.6E-15	DRESSER PAYLOADER #9112
16/MAR/94	19/MAR/94	118	13.9	4.65E+04	2	6	26	1.3E-14	7.3E-16	3.8E-15	HOT BELT AREA #18083N
16/MAR/94	19/MAR/94	42	14.0	1.67E+04	1	2	54	7.5E-14	2.1E-14	4.8E-15	HOT BELT AREA #18083N
16/MAR/94	18/MAR/94	81	15.0	3.44E+04	1	11	41	2.1E-14	9.9E-15	5.4E-15	HOT BELT AREA #18083N
17/HAR/94	22/MAR/94	131	14.9	5.53E+04	1	5	34	1.3E-14	5.3E-15	2.3E-15	SOUTH SIDE OF S1 #7219
17/MAR/94	19/MAR/94	184	15.5	8.08E+04	1	2	54	1.5E-14	4.4E-15	9.8E-16	SOUTH SIDE OF \$1 #7219
17/MAR/94	21/MAR/94	179	15.5	7.86E+04	1	7	39	9.8E-15	4.1E-15	1.9E-15	SOUTH SIDE OF \$1 #7219
17/MAR/94	21/HAR/94	132	15.0	5.61E+04	2	7	24	9.3E-15	6.0E-16	3.4E-15	S1/2 FEED BELT AREA #1082
17/MAR/94	19/MAR/94	360	15.3	1.56E+05	2	6	33	5.3E-15	2.4E-16	1.1E-15	S1/2 FEED BELT AREA #1082
17/MAR/94	21/MAR/94	155	13.8	6.06E+04	1	7	52	1.8E-14	6.0E-15	2.4E-15	WEST PERIMETER #7218
17/MAR/94	19/MAR/94	120	13.2	4.49E+04	2	6	46	2.7E-14	9.7E-16	3.9E-15	WEST PERIMETER #7218
17/HAR/94	21/MAR/94	63	13.9	2.48E+04	2	7	25	2.2E-14	1.4E-15	7.6E-15	WEST PERIMETER #7218
17/HAR/94	21/MAR/94	157	13.5	6.00E+04	1	7	46	1.6E-14	5.7E-15	2.5E-15	WEST PERIMETER #7218
17/HAR/94	19/MAR/94	61	8.1	1.40E+04	2	6	55	1.1E-13	3.4E-15	1.3E-14	DRESSER PAYLOADER #9112
17/MAR/94	19/MAR/94	119	7.8	2.63E+04	1	2	57	5.0E-14	1.4E-14	3.0E-15	DRESSER PAYLOADER #9112
17/MAR/94	21/MAR/94	107	8.1	2.45E+04	2	7	58	6.4E-14	2.0E-15	7.7E-15	DRESSER PAYLOADER #9112
17/MAR/94	21/MAR/94	63	8.1	1.45E+04	1	7	46	6.5E-14	2.4E-14	1.0E-14	DRESSER PAYLOADER #9112
17/MAR/94	21/MAR/94	82	8.3	1.93E+04	2	7	28	3.3E-14	1.8E-15	9.8E-15	DRESSER PAYLOADER #9112
17/HAR/94	21/MAR/94	71	8.2	1.65E+04	2	7	31	4.5E-14	2.2E-15	1.1E-14	DRESSER PAYLOADER #9112
17/MAR/94	21/MAR/94	58	8.3	1.36E+04	1	7	48	7.2E-14	2.6E-14	1.1E-14	DRESSER PAYLOADER #9112
17/MAR/94	19/MAR/94	106	14.8	4.44E+04	1	2	65	3.4E-14	8.7E-15	1.8E-15	HOT BELT AREA #18083N
17/MAR/94	19/MAR/94	54	15.5	2.37E+04	2	6	35	3.7E-14	1.6E-15	7.4E-15	HOT BELT AREA #18083N
17/MAR/94		51	15.0	2.17E+04	1	2	51	5.4E-14	1.6E-14	3.7E-15	HOT BELT AREA #18083N
17/MAR/94		58	14.4	2.37E+04	1	7	44	3.8E-14	1.4E-14	6.3E-15	HOT BELT AREA #18083N
17/MAR/94	21/MAR/94	55	15.1	2.35E+04	2	7	22	2.0E-14	1.4E-15	8.0E-15	HOT BELT AREA #18083N
17/MAR/94	21/MAR/94	65	14.3	2.63E+04	1	7	54	4.3E-14	1.4E-14	5.6E-15	HOT BELT AREA #18083N
18/MAR/94	22/MAR/94	97	19.0	5.22E+04	2	3	34	1.8E-14	7.0E-16	2.4E-15	SOUTH SIDE OF S1 #7219
18/MAR/94		88	19.0	4.74E+04	1	5	46	2.1E-14	7.1E-15	2.6E-15	SOUTH SIDE OF \$1 #7219
18/MAR/94		85	15.5	3.73E+04	2	3	20	1.4E-14	7.7E-16	3.3E-15	S1/2 FEED BELT AREA #1082
18/MAR/94	22/MAR/94	98	15.0	4.16E+04	2	3	23	1.5E-14	7.4E-16	3.0E-15	S1/2 FEED BELT AREA #1082
18/MAR/94	22/MAR/94	51	14.8	2.14E+04	1	5	40	3.9E-14	1.5E-14	5.9E-15	WEST PERIMETER #7218
18/MAR/94	22/MAR/94	97	13.5	3.71E+04	2	3	33	2.5E-14	9.7E-16	3.3E-15	WEST PERIMETER #7218
18/MAR/94	22/MAR/94	76	13.0	2.80E+04	1	5	41	3.1E-14	1.1E-14	4.5E-15	WEST PERIMETER #7218
18/HAR/94	22/MAR/94	64	15.0	2.72E+04	1	5	65	5.3E-14	1.4E-14	4.6E-15	HOT BELT AREA #18083N-CP-
18/MAR/94	22/MAR/94	30	16.0	1.36E+04	2	3	23	4.5E-14	2.3E-15	9.1E-15	HOT BELT AREA #18083N-CP-
18/MAR/94	22/MAR/94	35	14.5	1.44E+04	1	5	46	6.9E-14	2.3E-14	8.7E-15	HOT BELT AREA #18083N-CP-
18/MAR/94	21/MAR/94	59	15.6	2.61E+04	1	7	62	5.1E-14	1.5E-14	5.7E-15	HOT BELT AREA #18083N-CP-
18/MAR/94	21/MAR/94	62	14.5	2.55E+04	2	7	34	3.2E-14	1.5E-15	7.4E-15	HOT BELT AREA #18083N-CP-
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				01-		C	S	Departed		Critical	
		Sample	Flow	Sample		Gross		Reported	2 Std	Level	
Sample	Count	Time	Rate	Volume		_	•	Activity (uCi/ml)	Dev.+/-	(uCi/ml)	Sample Area Description
Date	Date	(min)	(cfm)	(liters)	No.	Cnt	Cnt		Dev. + /		
	27 (1) 40 (0)	109	15.5	4.78E+04	1	6	50	2.2E-14	7.4E-15	2.9E-15	SOUTH SIDE OF \$1 #7219
19/MAR/94	23/MAR/94 23/MAR/94	119	15.9	5.36E+04	1	6	47	1.8E-14	6.4E-15	2.6E-15	SOUTH SIDE OF S1 #7219
19/MAR/94	23/HAR/94	64	15.5	2.81E+04	2	3	27	2.6E-14	1.2E-15	4.4E-15	SOUTH SIDE OF S1 #7219
19/MAR/94	23/HAR/94	108	14.9	4.56E+04	1	6	44	2.0E-14	7.3E-15	3.0E-15	S1/2 FEED BELT AREA #1082
19/MAR/94 19/MAR/94	22/HAR/94	182	15.2	7.83E+04	1	5	66	1.9E-14	5.1E-15	1.6E-15	S1/2 FEED BELT AREA #1082
	23/MAR/94	97	12.9	3.54E+04	2	6	33	2.3E-14	1.1E-15	4.9E-15	WEST PERIMETER #7218
19/MAR/94 19/MAR/94	22/MAR/94	80	14.2	3.22E+04	2	3	26	2.2E-14	1.0E-15	3.8E-15	WEST PERIMETER #7218
19/HAR/94	22/MAR/94	119	13.6	4.58E+04	1	5	42	1.9E-14	7.0E-15	2.7E-15	WEST PERIMETER #7218
19/MAR/94	23/MAR/94	45	14.0	1.78E+04	2	6	43	6.4E-14	2.4E-15	9.8E-15	BLDG 714 ENTRANCE #18083N
19/HAR/94	23/MAR/94	92	14.5	3.78E+04	2	6	30	1.9E-14	9.5E-16	4.6E-15	BLDG 714 ENTRANCE #18083N
19/HAR/94	22/MAR/94	35	14.5	1.44E+04	1	5	47	7.0E-14	2.4E-14	8.7E-15	HOT BELT AREA #18083N
19/MAR/94	22/MAR/94	37	14.0	1.47E+04	1	5	59	8.8E-14	2.6E-14	8.5E-15	HOT BELT AREA #18083N
19/MAR/94	22/MAR/94	45	13.9	1.77E+04	2	3	19	2.8E-14	1.6E-15	7.0E-15	HOT BELT AREA #18083N-CP-
19/MAR/94	22/MAR/94	30	15.0	1.27E+04	1	5	46	7.7E-14	2.6E-14	9.8E-15	HOT BELT AREA #18083N-CP-
21/MAR/94	24/MAR/94	80	15.5	3.51E+04	1	4	61	3.9E-14	1.1E-14	3.2E-15	SOUTH SIDE OF S1 #7219
21/MAR/94	24/MAR/94	120	14.8	5.03E+04	1	4	56	2.5E-14	7.3E-15	2.2E-15	SOUTH SIDE OF S1 #7219
21/MAR/94	24/MAR/94	44	16.2	2.02E+04	2	5	30	3.8E-14	1.8E-15	7.9E-15	SOUTH SIDE OF S1 #7219
21/MAR/94	23/MAR/94	161	15.9	7.25E+04	1	6	57	1.7E-14	5.2E-15	1.9E-15	SOUTH SIDE OF S1 #7219
21/HAR/94	23/MAR/94	82	15.5	3.60E+04	2	6	24	1.5E-14	9.1E-16	4.9E-15	SOUTH SIDE OF S1 #7219
21/MAR/94	24/MAR/94	122	15.0	5.18E+04	2	5	21	9.5E-15	5.9E-16	3.1E-15	S1/2 FEED BELT AREA #1082
21/MAR/94	24/MAR/94	82	15.2	3.53E+04	1	4	50	3.1E-14	9.8E-15	3.2E-15	S1/2 FEED BELT AREA #1082
21/MAR/94	23/MAR/94	164	15.7	7.29E+04	2	6	35	1.2E-14	5.3E-16	2.4E-15	S1/2 FEED BELT AREA #1082
21/MAR/94	23/MAR/94	45	15.0	1.91E+04	2	5	28	3.7E-14	1.8E-15	8.4E-15	S1/2 FEED BELT AREA #1082
21/MAR/94	23/MAR/94	79	15.9	3.56E+04	1	6	55	3.3E-14	1.0E-14	3.9E-15	S1/2 FEED BELT AREA #1082
21/MAR/94	24/MAR/94	131	12.5	4.64E+04	2	5	43	2.5E-14	9.0E-16	3.4E-15	WEST PERIMETER #7218
21/MAR/94	24/MAR/94	120	12.9	4.38E+04	1	4	42	2.1E-14	7.3E-15	2.6E-15	WEST PERIMETER #7218
21/MAR/94	23/MAR/94	33	13.5	1.26E+04	2	6	25	4.6E-14	2.7E-15	1.4E-14	WEST PERIMETER #7218
21/HAR/94	23/MAR/94	169	13.8	6.60E+04	1	6	50	1.6E-14	5.3E-15	2.1E-15	WEST PERIMETER #7218
21/MAR/94	23/MAR/94	34	14.0	1.35E+04	2	6	87	1.8E-13	4.3E-15	1.3E-14	HOT BELT AREA #18083N
21/MAR/94	24/MAR/94	45	14.3	1.82E+04	1	4	58	7.1E-14	2.0E-14	6.2E-15	HOT BELT AREA #18083N
21/MAR/94	23/MAR/94	30	15.1	1.28E+04	1	6	240	4.4E-13	5.8E-14	1.1E-14	HOT BELT AREA #18083N
21/MAR/94	23/MAR/94	30	14.7	1.25E+04	1	6	48	8.1E-14	2.8E-14	1.1E-14	HOT BELT AREA #18083N
21/MAR/94	23/MAR/94	103	14.3	4.17E+04	2	6	178	1.3E-13	2.0E-15	4.2E-15	HOT BELT AREA #18083N
21/MAR/94	24/MAR/94	30	15.5	1.32E+04	2	4	34	7.0E-14	2.8E-15	1.1E-14	HOT BELT AREA #18083N
21/MAR/94	23/MAR/94	37	15.0	1.57E+04	1	6	71	9.9E-14	2.6E-14	8.7E-15	HOT BELT AREA #18083N
21/MAR/94	23/MAR/94	39	14.7	1.62E+04	2	6	65	1.1E-13	3.1E-15	1.1E-14	HOT BELT AREA #18083N
22/MAR/94		71	14.8	2.98E+04	2	7	38	3.2E-14	1.4E-15	6.4E-15	SOUTH SIDE OF S1 #7219
22/MAR/94	25/MAR/94	66	15.6	2.92E+04	2	7	41	3.6E-14	1.4E-15	6.5E-15	SOUTH SIDE OF S1 #7219
22/MAR/94	25/MAR/94	66	15.5	2.90E+04	2	7	31	2.5E-14	1.3E-15	6.5E-15	SOUTH SIDE OF S1 #7219
22/MAR/94	25/MAR/94	151	15.3	6.54E+04	1	9	53	1.6E-14	5.7E-15	2.6E-15	SOUTH SIDE OF S1 #7219
22/MAR/94	25/MAR/94	69	15.3	2.99E+04	2	7	36	3.0E-14	1.3E-15	6.3E-15	SOUTH SIDE OF S1 #7219
22/MAR/94	25/MAR/94	101	15.3	4.38E+04	1	9	89	4.4E-14	1.1E-14	3.8E-15	SOUTH SIDE OF S1 #7219
22/MAR/94	26/MAR/94	72	15.5	3.16E+04	2	6	29	2.2E-14	1.1E-15	5.5E-15	S1/2 FEED BELT AREA #1082
22/MAR/94	25/MAR/94	67	15.2	2.88E+04	2	7	33	2.8E-14	1.3E-15	6.6E-15	S1/2 FEED BELT AREA #1082
22/MAR/94 22/MAR/94	25/MAR/94	66	15.0	2.80E+04	1	9	57	4.1E-14	1.4E-14	6.0E-15	S1/2 FEED BELT AREA #1082
22/MAR/94 22/MAR/94	25/MAR/94	203	14.9	8.57E+04	1	9	349	9.5E-14	1.0E-14	2.0E-15	S1/2 FEED BELT AREA #1082
22/MAR/94 22/MAR/94	25/MAR/94 25/MAR/94	117	14.9	4.94E+04	2	7	40	2.0E-14	8.3E-16	3.8E-15	S1/2 FEED BELT AREA #1082
22/MAR/94 22/MAR/94	25/MAR/94	77	13.7	2.99E+04	1	9	46	3.0E-14	1.2E-14	5.6E-15	WEST PERIMETER #7218
22/MAR/94		64	13.6	2.46E+04	1	9	78	6.7E-14	1.8E-14	6.8E-15	WEST PERIMETER #7218
22/MAR/94 22/MAR/94	25/MAR/94	65	13.6	2.50E+04	1	4	51	4.5E-14	1.4E-14	4.5E-15	WEST PERIMETER #7218
	24/MAR/94					9	67	1.7E-14	5.1E-15	2.1E-15	WEST PERIMETER #7218
22/MAR/94	25/MAR/94	202	14.0	8.01E+04	1	7	48	3.0E-14	1.1E-15	4.5E-15	WEST PERIMETER #7218
22/MAR/94	25/MAR/94	109	13.6	4.20E+04	2	,	40	J. UC - 14	1.12 13	7.56 15	WEST TERTIFIETER WILTO

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		Sample		Sample			Gross	Reported	2 004	Critical	
Sample	Count	Time	Rate	Votume		Bkg	Sample	Activity	2 Std	Level (uCi/ml)	Sample Area Description
Date	Date	(min)	(cfm)	(liters)	No.	Cnt	Cnt	(uCi/ml)	Dev.+/-	(001/101)	Sample Area Description
22/MAR/94	25/MAR/94	60	13.8	2.34E+04	1	9	289	2.9E-13	3.5E-14	7.2E-15	HOT BELT AREA #18083N
22/MAR/94		47	14.2	1.89E+04	2	7	67	9.7E-14	2.7E-15	1.0E-14	HOT BELT AREA #18083N
22/MAR/94		41	13.5	1.57E+04	1	4	60	8.6E-14	2.4E-14	7.2E-15	HOT BELT AREA #18083N
22/MAR/94		75	14.5	3.08E+04	3	10	50	3.1E-14	1.2E-14	5.8E-15	HOT BELT AREA #18083N
22/MAR/94		56	13.9	2.20E+04	2	5	109	1.4E-13	2.9E-15	7.3E-15	HOT BELT AREA #18083N
22/MAR/94		57	14.2	2.29E+04	1	9	55	4.8E-14	1.6E-14	7.3E-15	HOT BELT AREA #18083N
22/MAR/94		61	14.2	2.45E+04	2	7	30	2.9E-14	1.5E-15	7.7E-15	HOT BELT AREA #18083N
22/MAR/94		38	14.8	1.59E+04	2	7	38	6.0E-14	2.5E-15	1.2E-14	HOT BELT AREA #18083N
23/MAR/94	26/MAR/94	107	15.5	4.70E+04	2	6	28	1.4E-14	7.5E-16	3.7E-15	SOUTH SIDE OF S1 #7219
23/MAR/94		103	15.0	4.38E+04	2	6	39	2.3E-14	9.2E-16	4.0E-15	SOUTH SIDE OF \$1 #7219
23/HAR/94		38	15.4	1.66E+04	1	10	46	5.2E-14	2.1E-14	1.1E-14	SOUTH SIDE OF S1 #7219
23/MAR/94		48	15.5	2.11E+04	1	9	54	5.1E-14	1.8E-14	8.0E-15	SOUTH SIDE OF S1 #7219
23/MAR/94	28/MAR/94	55	15.5	2.41E+04	2	7	40	4.2E-14	1.7E-15	7.8E-15	SOUTH SIDE OF S1 #7219
23/HAR/94	28/MAR/94	67	15.5	2.94E+04	2	7	41	3.5E-14	1.4E-15	6.4E-15	SOUTH SIDE OF S1 #7219
23/HAR/94	28/MAR/94	99	14.8	4.15E+04	1	9	46	2.1E-14	8.4E-15	4.1E-15	SOUTH SIDE OF \$1 #7219
23/MAR/94	26/MAR/94	113	15.0	4.80E+04	2	6	39	2.1E-14	8.4E-16	3.6E-15	S1/2 FEED BELT AREA #1082
23/MAR/94	26/MAR/94	31	15.0	1.32E+04	2	6	27	4.9E-14	2.6E-15	1.3E-14	S1/2 FEED BELT AREA #1082
23/MAR/94	28/MAR/94	107	15.0	4.55E+04	2	7	67	4.0E-14	1.1E-15	4.2E-15	S1/2 FEED BELT AREA #1082
23/MAR/94	28/MAR/94	50	15.0	2.12E+04	1	9	39	3.4E-14	1.5E-14	7.9E-15	S1/2 FEED BELT AREA #1082
23/HAR/94	29/HAR/94	116	15.5	5.09E+04	1	6	66	2.8E-14	7.8E-15	2.7E-15	S1/2 FEED BELT AREA #1082
23/MAR/94	28/MAR/94	100	15.0	4.25E+04	1	9	73	3.6E-14	1.0E-14	4.0E-15	S1/2 FEED BELT AREA #1082
23/MAR/94	26/MAR/94	29	14.0	1.15E+04	2	7	41	9.1E-14	3.6E-15	1.6E-14	DUMP TRUCK AREA #7218
23/MAR/94	26/MAR/94	53	13.8	2.07E+04	9	10	66	6.5E-14	2.0E-14	8.6E-15	DUMP TRUCK AREA #7218
23/MAR/94	26/MAR/94	55	13.8	2.15E+04	1	10	55	5.0E-14	1.8E-14	8.2E-15	DUMP TRUCK AREA #7218
23/MAR/94	26/MAR/94	118	13.8	4.61E+04	1	10	68	3.0E-14	9.0E-15	3.8E-15	DUMP TRUCK AREA #7218
23/MAR/94	26/MAR/94	30	13.8	1.17E+04	3	10	47	7.6E-14	3.0E-14	1.5E-14	DUMP TRUCK AREA #7218
23/MAR/94	28/MAR/94	43	13.6	1.66E+04	1	9	55	6.7E-14	2.3E-14	1.0E-14	DUMP TRUCK AREA #7218
23/MAR/94	28/MAR/94	27	13.8	1.06E+04	2	7	27	5.8E-14	3.3E-15	1.8E-14	DUMP TRUCK AREA #7218
23/MAR/94	28/MAR/94	60	13.8	2.34E+04	2	7	30	3.0E-14	1.6E-15	8.1E-15	DUMP TRUCK AREA #7218
23/MAR/94	28/MAR/94	39	13.8	1.52E+04	1	9	63	8.5E-14	2.6E-14	1.1E-14	DUMP TRUCK AREA #7218
23/MAR/94	28/MAR/94	38	13.8	1.49E+04	2	7	32	5.2E-14	2.5E-15	1.3E-14	DUMP TRUCK AREA #7218
23/MAR/94	26/MAR/94	98	14.2	3.94E+04	1	10	58	2.9E-14	9.9E-15	4.5E-15	HOT BELT AREA #18083N
23/MAR/94	26/MAR/94	40	14.0	1.59E+04	2	6	55	9.5E-14	3.0E-15	1.1E-14	HOT BELT AREA #18083N
23/HAR/94	26/MAR/94	45	14.0	1.78E+04	1	10	41	4.2E-14	1.9E-14	9.9E-15	HOT BELT AREA #18083N
23/MAR/94	26/MAR/94	46	14.3	1.86E+04	2	6	55	8.1E-14	2.5E-15	9.4E-15	HOT BELT AREA #18083N HOT BELT AREA #18083N
23/MAR/94	26/MAR/94	32	14.3	1.30E+04	2	6	35	6.9E-14	3.0E-15	1.4E-14	
23/MAR/94	28/MAR/94	33	14.0	1.31E+04	1	9	52	7.9E-14	2.8E-14	1.3E-14 7.1E-15	HOT BELT AREA #18083N HOT BELT AREA #18083N
23/MAR/94	28/MAR/94	60	14.0	2.38E+04	1	9	49	4.0E-14 6.0E-14	1.5E-14 3.0E-15	1.5E-14	HOT BELT AREA #18083N
23/MAR/94	28/MAR/94	32	14.0 14.0	1.27E+04 2.14E+04	2	7	32 36	4.2E-14	1.8E-15	8.8E-15	HOT BELT AREA #18083N
23/MAR/94	28/MAR/94	54 88	15.8	3.94E+04	2	3	44	3.2E-14	1.0E-15	3.1E-15	SOUTH SIDE OF S1 #7219
24/MAR/94 24/MAR/94	29/MAR/94 29/MAR/94	58	15.3	2.51E+04	1	6	57	4.9E-14	1.5E-14	5.5E-15	SOUTH SIDE OF S1 #7219
24/MAR/94	29/MAR/94	55	15.5	2.41E+04	2	3	33	3.8E-14	1.5E-15	5.1E-15	SOUTH SIDE OF S1 #7219
24/MAR/94	29/MAR/94	66	15.5	2.90E+04	1	6	72	5.5E-14	1.4E-14	4.7E-15	SOUTH SIDE OF S1 #7219
24/MAR/94	29/MAR/94	111	15.5	4.87E+04	1	6	66	3.0E-14	8.2E-15	2.8E-15	SOUTH SIDE OF S1 #7219
24/MAR/94	30/MAR/94	69	15.8	3.09E+04	2	9	39	3.0E-14	1.3E-15	6.9E-15	SOUTH SIDE OF S1 #7219
24/MAR/94	29/MAR/94	44	16.5	2.06E+04	2	3	30	4.0E-14	1.7E-15	6.0E-15	SOUTH SIDE OF S1 #7219
24/MAR/94	29/MAR/94	87	15.2	3.75E+04	2	3	59	4.6E-14	1.3E-15	3.3E-15	S1/2 FEED BELT AREA #1082
24/MAR/94	29/MAR/94	50	15.0	2.12E+04	1	6	60	6.1E-14	1.8E-14	6.5E-15	S1/2 FEED BELT AREA #1082
24/MAR/94	29/MAR/94	59	15.0	2.51E+04	2	3	36	4.0E-14	1.5E-15	4.9E-15	S1/2 FEED BELT AREA #1082
24/MAR/94	29/MAR/94	72	15.0	3.06E+04	2	3	37	3.4E-14	1.2E-15	4.0E-15	S1/2 FEED BELT AREA #1082
24/MAR/94	28/MAR/94	108	15.0	4.59E+04	2	7	30	1.5E-14	8.0E-16	4.1E-15	S1/2 FEED BELT AREA #1082
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		Sample	Flow	Sample		Gross	Gross	Reported		Critical	
Sample	Count	Time	Rate	•	Instr	Bkg	Sample	Activity	2 Std	Level	
Date	Date	(min)	(cfm)	(liters)	No.	Cnt	Cnt	(uCi/ml)	Dev.+/-	(uCi/ml)	Sample Area Description
				4 475.04			F/	2 55-1/	7 95-15	2.7E-15	S1/2 FEED BELT AREA #1082
24/MAR/94	30/MAR/94	109	15.0	4.63E+04	1	5	54	2.5E-14	7.8E-15	8.9E-15	DUMP TRUCK AREA #7218
24/MAR/94	29/MAR/94	39	14.0	1.55E+04	1	6	45	6.1E-14	2.2E-14		
24/HAR/94	29/MAR/94	45	14.0	1.78E+04	2	3.	28	4.3E-14	1.9E-15	6.9E-15	DUMP TRUCK AREA #7218
24/HAR/94	29/HAR/94	57	13.8	2.23E+04	1	6	86	8.6E-14	2.0E-14	6.2E-15	DUMP TRUCK AREA #7218
24/MAR/94	29/MAR/94	78	13.8	3.05E+04	2	3	58	5.5E-14	1.5E-15	4.1E-15	DUMP TRUCK AREA #7218
24/MAR/94	30/MAR/94	60	13.8	2.34E+04	1	5	42	3.8E-14	1.4E-14	5.3E-15	DUMP TRUCK AREA #7218
24/MAR/94	30/MAR/94	41	13.8	1.60E+04	1	5	39	5.1E-14	1.9E-14	7.8E-15	DUMP TRUCK AREA #7218
24/mar/94	29/MAR/94	30	14.6	1.24E+04	3	6	53	9.1E-14	2.9E-14	1.1E-14	DUMP TRUCK AREA #7218
24/MAR/94	29/MAR/94	35	14.2	1.41E+04	2	3	54	1.1E-13	3.2E-15	8.8E-15	HOT BELT AREA #18083N
24/MAR/94	29/MAR/94	49	14.0	1.94E+04	2	3	49	7.3E-14	2.2E-15	6.4E-15	HOT BELT AREA #18083N
24/MAR/94	29/MAR/94	42	14.0	1.67E+04	1	6	58	7.5E-14	2.3E-14	8.2E-15	HOT BELT AREA #18083N
24/MAR/94	29/MAR/94	60	14.3	2.43E+04	1	6	60	5.3E-14	1.6E-14	5.7E-15	HOT BELT AREA #18083N
24/MAR/94	30/MAR/94	57	14.2	2.29E+04	2	9	42	4.4E-14	1.9E-15	9.4E-15	HOT BELT AREA #18083N
24/MAR/94	29/MAR/94	33	14.2	1.33E+04	1	6	39	6.0E-14	2.4E-14	1.0E-14	HOT BELT AREA #18083N
25/HAR/94	30/MAR/94	74	16.7	3.50E+04	1	5	43	2.6E-14	9.3E-15	3.6E-15	SOUTH SIDE OF S1 #7219
25/MAR/94	30/MAR/94	90	16.5	4.21E+04	1	5	40	2.0E-14	7.5E-15	3.0E-15	SOUTH SIDE OF S1 #7219
25/MAR/94	30/MAR/94	66	16.5	3.08E+04	2	9	22	1.3E-14	1.1E-15	7.0E-15	SOUTH SIDE OF S1 #7219
25/MAR/94	30/MAR/94	124	16.5	5.79E+04	2	9	28	1.0E-14	6.3E-16	3.7E-15	SOUTH SIDE OF S1 #7219
25/MAR/94	31/MAR/94	92	16.5	4.30E+04	1	8	48	2.2E-14	8.2E-15	3.7E-15	SOUTH SIDE OF S1 #7219
25/MAR/94	31/MAR/94	62	16.5	2.90E+04	1	8	37	2.4E-14	1.1E-14	5.5E-15	SOUTH SIDE OF S1 #7219
25/MAR/94	31/MAR/94	70	17.0	3.37E+04	2	5	27	2.0E-14	1.0E-15	4.7E-15	S1/2 FEED BELT AREA #1082
25/MAR/94	30/MAR/94	96	16.8	4.57E+04	2	9	20	7.4E-15	7.1E-16	4.7E-15	S1/2 FEED BELT AREA #1082
25/MAR/94	30/MAR/94	99	16.2	4.54E+04	1	5	47	2.2E-14	7.5E-15	2.8E-15	S1/2 FEED BELT AREA #1082
25/MAR/94	31/MAR/94	71	16.2	3.26E+04	1	8	51	3.2E-14	1.1E-14	4.9E-15	S1/2 FEED BELT AREA #1082
25/MAR/94	30/MAR/94	65	14.5	2.67E+04	2	9	24	1.7E-14	1.3E-15	8.0E-15	DUMP TRUCK AREA #7218
25/MAR/94	30/MAR/94	95	14.5	3.90E+04	1	5	35	1.8E-14	7.6E-15	3.2E-15	DUMP TRUCK AREA #7218
25/MAR/94	30/MAR/94	64	14.9	2.70E+04	1	5	35	2.7E-14	1.1E-14	4.6E-15	DUMP TRUCK AREA #7218
25/MAR/94	30/MAR/94	125	14.5	5.13E+04	1	5	42	1.7E-14	6.3E-15	2.4E-15	DUMP TRUCK AREA #7218
25/MAR/94	31/MAR/94	96	15.1	4.11E+04	2	5	27	1.6E-14	8.3E-16	3.9E-15	DUMP TRUCK AREA #7218
25/HAR/94	30/MAR/94	84	15.1	3.59E+04	2	9	27	1.5E-14	1.0E-15	6.0E-15	HOT BELT AREA #18083N
26/MAR/94	01/APR/94	111	16.5	5.19E+04	2	3	19	9.5E-15	5.4E-16	2.4E-15	SOUTH SIDE OF S1 #7219
26/MAR/94	28/MAR/94	130	16.5	6.07E+04	1	8	46	1.5E-14	5.7E-15	2.6E-15	SOUTH SIDE OF S1 #7219
26/MAR/94	01/APR/94	111	17.5	5.50E+04	1	9	41	1.4E-14	6.1E-15	3.1E-15	S1/2 FEED BELT AREA #1082
26/HAR/94	31/HAR/94	64	16.0	2.90E+04	2	5	27	2.3E-14	1.2E-15	5.5E-15	S1/2 FEED BELT AREA #1082
26/MAR/94	31/MAR/94	66	16.2	3.03E+04	1	8	38	2.4E-14	1.1E-14	5.2E-15	S1/2 FEED BELT AREA #1082
26/MAR/94	01/APR/94	112	15.0	4.76E+04	1	9	43	1.7E-14	7.1E-15	3.5E-15	DUMP TRUCK AREA #7218
26/MAR/94	31/MAR/94	63	15.5	2.77E+04	1	8	89	7.0E-14	1.7E-14	5.7E-15	DUMP TRUCK AREA #7218
26/MAR/94	31/MAR/94	61	15.5	2.68E+04	2	5	30	2.9E-14	1.3E-15	6.0E-15	DUMP TRUCK AREA #7218
26/MAR/94	31/MAR/94	51	14.5	2.09E+04	1	8	33	2.9E-14	1.4E-14	7.6E-15	HOT BELT AREA #18083N
26/MAR/94	31/MAR/94	51	14.5	2.09E+04	1	8	28	2.3E-14	1.3E-14	7.6E-15	HOT BELT AREA #18083N
26/MAR/94	31/MAR/94	56	14.5	2.30E+04	2	5	28	3.1E-14	1.5E-15	7.0E-15	HOT BELT AREA #18083N
28/MAR/94	01/APR/94	121	16.5	5.65E+04	1	9	47	1.6E-14	6.2E-15	3.0E-15	SOUTH SIDE OF S1 #7219
28/MAR/94	01/APR/94	65	14.5	2.67E+04	1	9	37	2.5E-14	1.2E-14	6.3E-15	SOUTH SIDE OF S1 #7219
28/MAR/94	02/APR/94	103	16.5	4.81E+04	2	4	16	7.6E-15	5.6E-16	3.0E-15	SOUTH SIDE OF S1 #7219
28/MAR/94	01/APR/94	72	17.1	3.49E+04	2	3	18	1.3E-14	7.9E-16	3.6E-15	S1/2 FEED BELT AREA #1082
28/MAR/94	02/APR/94	86	17.0	4.14E+04	1	6	41	2.0E-14	7.8E-15	3.3E-15	S1/2 FEED BELT AREA #1082
28/MAR/94	01/APR/94	171	17.1	8.28E+04	2	3	32	1.1E-14	4.3E-16	1.5E-15	S1/2 FEED BELT AREA #1082
28/MAR/94	02/APR/94	185	16.6	8.70E+04	1	6	43	1.0E-14	3.8E-15	1.6E-15	S1/2 FEED BELT AREA #1082
28/MAR/94	01/APR/94	64	15.0	2.72E+04	2	3	76	8.2E-14	2.0E-15	4.6E-15	DUMP TRUCK AREA #7218
28/MAR/94	01/APR/94	40	15.0	1.70E+04	1	9	56	6.6E-14	2.2E-14	9.9E-15	DUMP TRUCK AREA #7218
28/MAR/94		36	15.0	1.53E+04	1	9	46	5.8E-14	2.3E-14	1.1E-14	DUMP TRUCK AREA #7218
28/MAR/94	01/APR/94		15.0	2.00E+04	1	6	43	4.5E-14	1.7E-14	6.9E-15	DUMP TRUCK AREA #7218
20/ MAK/ 94	01/APR/94	47	15.0	2.00€ ₹04	11	O	43	4.50*14	1.76-14	0.76-13	DOIN TROCK AREA WILLO

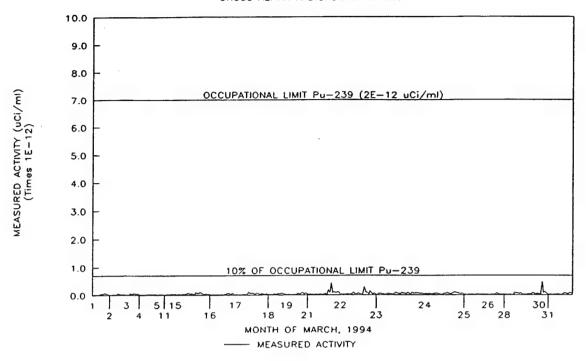
file: arpt0394.wr1 page 6 of 8

Sample   Flow   Sample   Date   Time   Rate   Volume   Inst   Sample   Date											ominion)	
Sample Date (min) (cfm) (cfm) (cliters) No. Cnt Cnt (ucl/ml) Dev.+/- (ucl/ml) Sample Area Description  28/MAR/94  28/MAR/94  01/APR/94  38  15.0  1.61E+04  2 3 44, 7.8E+14  2.6E+15  7.7E+15  01/APR/94  38  15.0  1.61E+04  2 3 44, 7.8E+14  2.6E+15  7.7E+15  01/APR/94  5 15.0  2.3SE+04  2 3 22  2.4E+14  1.3E+15  5.2E+15  DIMP TRUCK AREA #7218			Sample	Flow	•				Reported	2.004	Critical	
28/MAR/94 01/APR/94 38 15.0 1.61E+04 2 3 4.4 7.8E-14 2.6E-15 7.7E-15 DUMP TRUCK AREA #7218 DUMP TRUCK AREA #72	Sample	Count	Time			•	_					Sample Area Description
28/MAR/94 01/APR/94 38 15.0 1.61E+04 2 3 44 7.8E-14 2.6E-15 7.7E-15 DUMP TRUCK AREA #7218 DUMP TRUCK AREA #721		Date	(min)	(cfm)	(liters)	No.					• •	Salpte Area Description
28/MAR/94 01/APR/94 56 15.0 2.38e+04 2 3 22 2.4E-14 1.3E-15 5.2E-15 DUMP TRUCK AREA #7218 28/MAR/94 02/APR/94 48 15.3 2.08E+04 2 4 29 3.7E-14 1.7E-15 6.9E-15 DUMP TRUCK AREA #7218 28/MAR/94 02/APR/94 64 15.5 2.81E+04 1 6 36 2.6E-14 1.1E-14 4.9E-15 DUMP TRUCK AREA #7218 DUMP TRUCK AREA												DUMP TRUCK AREA #7218
28/MAR/94 01/APR/94 48 15.3 2.08e+04 2 4 29 3.7E-14 1.7E-15 6.9E-15 DUMP TRUCK AREA #7218 DUMP TRUCK AREA #721												
28/MAR/94 02/APR/94 64 15.5 2.08E+04 2 4 29 3.5E-14 1.E-15 6.9E-15 DUMP TRUCK AREA #7218 28/MAR/94 02/APR/94 51 15.5 2.81E+04 1 6 36 2.6E-14 1.1E-14 4.9E-15 DUMP TRUCK AREA #7218 15.0 22.17E+04 2 4 29 3.5E-14 1.6E-15 6.6E-15 MOT BELT AREA #18083W-1-28/MAR/94 01/APR/94 51 15.5 2.81E+04 1 9 45 3.4E-14 1.4E-14 6.7E-15 MOT BELT AREA #18083W-1-28/MAR/94 01/APR/94 32 14.5 1.31E+04 2 3 17 3.3E-14 2.0E-15 9.4E-15 MOT BELT AREA #18083W-1-28/MAR/94 01/APR/94 51 15.5 2.24E+04 1 9 57 5.2E-14 1.E-14 7.5E-15 MOT BELT AREA #18083W-3-328/MAR/94 01/APR/94 51 15.5 2.24E+04 1 9 57 5.2E-14 1.7E-14 7.5E-15 MOT BELT AREA #18083W-3-30/MAR/94 01/APR/94 40 14.8 1.68E+04 1 6 33 3.9E-14 1.8E-14 8.2E-15 MOT BELT AREA #18083W-3-30/MAR/94 02/APR/94 80 15.3 3.4FE+04 1 6 60 3.7E-14 1.1E-14 4.0E-15 SOUTH SIDE OF S1 #7219 30/MAR/94 02/APR/94 78 15.1 3.34E+04 1 6 60 3.7E-14 1.1E-14 4.0E-15 SOUTH SIDE OF S1 #7219 30/MAR/94 02/APR/94 78 15.1 3.36E+04 1 6 54 3.5E-14 1.1E-14 4.0E-15 SOUTH SIDE OF S1 #7219 30/MAR/94 02/APR/94 30 14.2 1.57E+04 1 6 55 7.5E-14 2.3E-14 8.8E-15 MOT BELT AREA #18083W 30/MAR/94 02/APR/94 30 14.2 1.57E+04 1 6 60 3.7E-14 1.1E-14 4.6E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 02/APR/94 81 15.5 3.56E+04 2 6 25 2.0E-14 1.2E-15 6.1E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 61 14.8 2.85E+04 2 6 25 2.0E-14 1.2E-15 6.1E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 170 15.0 4.29E+04 2 6 37 1.7E-14 5.3E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 170 15.0 4.29E+04 2 6 37 1.7E-14 6.9E-16 3.1E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 170 15.0 4.29E+04 2 6 37 1.7E-14 6.9E-16 3.1E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 170 14.0 6.7E-104 1 6 50 32 5.0E-14 1.5E-15 6.9E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 170 14.0 6.7E-104 1 6 50 33 3.3E-14 1.5E-15 6.9E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 170 14.0 6.7E-104 1 6 50 32 5.0E-14 2.EE-15 5.1E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 170 14.0 6.7E-104 1 6 50 32 5.0E-14 2.EE-15 5.1E-15 5.1E	28/MAR/94											
28/MAR/94 02/APR/94 51 15.0 2.17E+04 2 4 29 3.5E-14 1.1E-14 4.9E-15 NOT BELT AREA #18083N-1-  28/MAR/94 01/APR/94 31 14.8 1.30E+04 2 3 37 3.3E-14 2.4E-15 NOT BELT AREA #18083N-1-  28/MAR/94 01/APR/94 31 14.8 1.30E+04 2 3 36 7.8E-14 2.9E-15 9.4E-15 NOT BELT AREA #18083N-1-  28/MAR/94 01/APR/94 31 14.8 1.30E+04 2 3 36 7.8E-14 2.9E-15 9.4E-15 NOT BELT AREA #18083N-2-  28/MAR/94 01/APR/94 51 15.5 2.24E+04 1 9 57 5.2E-14 1.7E-14 7.5E-15 NOT BELT AREA #18083N-3-  28/MAR/94 01/APR/94 31 14.8 1.68E+04 1 9 37 5.2E-14 1.7E-14 7.5E-15 NOT BELT AREA #18083N-3-  28/MAR/94 01/APR/94 32 14.5 1.3TE+04 1 9 39 5.3E-14 2.4E-14 1.2E-15 NOT BELT AREA #18083N-3-  28/MAR/94 01/APR/94 32 15.1 1.3TE+04 1 9 39 5.3E-14 2.4E-14 1.2E-14 NOT BELT AREA #18083N-3-  30/MAR/94 02/APR/94 80 15.3 3.47E+04 1 6 60 3.7E-14 1.1E-14 4.0E-15 SOUTH SIDE OF S1 #7219  30/MAR/94 02/APR/94 78 15.1 3.3E+04 1 6 56 3.5E-14 1.1E-14 4.1E-15 SIZ/EED BELT AREA #18083N-3-  30/MAR/94 02/APR/94 39 14.2 1.5TE+04 1 6 60 1.3E-13 3.7E-14 1.3E-14 NOT BELT AREA #18083N-3-  30/MAR/94 02/APR/94 39 14.2 1.5TE+04 2 4 24 5.0E-14 2.6E-15 1.2E-14 NOT BELT AREA #18083N 30/MAR/94 02/APR/94 39 14.2 1.5TE+04 2 4 24 5.0E-14 2.6E-15 1.2E-14 NOT BELT AREA #18083N 30/MAR/94 02/APR/94 68 14.8 2.8E5E+04 2 6 25 2.0E-14 1.2E-15 SOUTH SIDE OF S1 #7219  31/MAR/94 04/APR/94 01 15.0 4.2E+04 2 6 31 2.2E-14 1.0E-15 4.9E-15 SOUTH SIDE OF S1 #7219  31/MAR/94 04/APR/94 176 15.5 7.73E+04 1 6 50 3.1E-15 SOUTH SIDE OF S1 #7219  31/MAR/94 04/APR/94 176 15.5 7.73E+04 1 6 50 3.1E-16 5.9E-16 5.1Z-15 SOUTH SIDE OF S1 #7219  31/MAR/94 04/APR/94 176 15.5 7.73E+04 1 6 50 3.6E-14 1.2E-15 SOUTH SIDE OF S1 #7219  31/MAR/94 04/APR/94 176 15.5 7.73E+04 1 6 50 3.6E-14 2.EE-15 SOUTH SIDE OF S1 #7219  31/MAR/94 04/APR/94 176 15.5 7.73E+04 1 6 50 3.6E-14 2.EE-15 SOUTH SIDE OF S1 #7219  31/MAR/94 04/APR/94 176 15.5 7.73E+04 1 6 50 3.6E-14 2.EE-15 SOUTH SIDE OF S1 #7219  31/MAR/94 04/APR/94 04 14.0 1.5SE+04 2 6 33 3.3E-14 1.5E-15 SOUTH SIDE OF S1 #7219  31/MAR/94 04/APR/94 176 15.5 7.73E+04 1 6 50 3.6E-14 2.EE-15 SOUTH SI	28/MAR/94	-	_					_				• • • • • • • • • • • • • • • • • • • •
28/MAR/94 02/APR/94 51 15.0 2.17E+04 2 4 29 3.5E-14 1.6E-15 6.6E-15 HOT BELT AREA #18083N-1- 28/MAR/94 01/APR/94 52 14.5 1.31E+04 2 3 17 3.3E-14 2.0E-15 9.5E-15 HOT BELT AREA #18083N-1- 28/MAR/94 01/APR/94 32 14.5 1.31E+04 2 3 17 3.3E-14 2.0E-15 9.5E-15 HOT BELT AREA #18083N-2- 28/MAR/94 01/APR/94 31 14.8 1.30E+04 2 3 36 7.8E-14 2.0E-15 9.5E-15 HOT BELT AREA #18083N-3- 28/MAR/94 01/APR/94 51 15.5 2.24E+04 1 9 57 5.2E-14 1.7E-14 7.5E-15 HOT BELT AREA #18083N-4- 28/MAR/94 01/APR/94 51 15.5 2.24E+04 1 9 57 5.2E-14 1.7E-14 7.5E-15 HOT BELT AREA #18083N-4- 28/MAR/94 01/APR/94 52 15.1 3.3TE-04 1 9 39 5.3E-14 2.4E-14 1.2E-14 HOT BELT AREA #18083N-4- 28/MAR/94 02/APR/94 80 15.3 3.4TE-04 1 6 60 3.7E-14 1.1E-14 4.0E-15 SOUTH SIDE OF S1 #7219 30/MAR/94 02/APR/94 78 15.1 3.34E+04 1 6 56 3.5E-14 1.1E-14 4.0E-15 SOUTH SIDE OF S1 #7219 30/MAR/94 02/APR/94 78 14.0 3.09E+04 2 4 491 4.8E-13 4.3E-15 HOT BELT AREA #18083N 4- 30/MAR/94 02/APR/94 39 14.2 1.5TE+04 1 6 55 7.5E-14 2.3E-14 8.8E-15 HOT BELT AREA #18083N 4- 30/MAR/94 02/APR/94 39 14.2 1.5TE+04 2 4 24 5.0E-14 1.2E-14 8.8E-15 DUMP TRUCK AREA #18083N 4- 30/MAR/94 02/APR/94 30 14.3 1.21E+04 2 4 24 5.0E-14 2.6E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 68 14.8 2.8E5E+04 2 6 35 2.0E-14 1.0E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 68 14.8 2.8E5E+04 2 6 35 2.0E-14 1.0E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 10 15.0 4.29E+04 2 6 37 1.7E-14 6.9E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 10 15.0 4.29E+04 2 6 37 1.7E-14 6.9E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 10 15.0 5.7T3E+04 1 6 50 33 3.3E-14 1.5E-15 5.12E-14 5.0E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 10 15.0 5.7T3E+04 1 6 50 33 3.3E-14 1.5E-15 5.12E-14 5.0E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 10 15.0 5.7T3E+04 1 6 50 33 3.3E-14 1.5E-15 5.0E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 10 15.0 5.7T3E+04 1 6 50 35 5.0E-14 2.2E-14 5.9E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 10 15.0 5.7E-14 6 50 35 5.0E-14 5.9E-15 5.0E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 10 16.0 15.0E-	28/MAR/94						-					=
28/MAR/94 01/APR/94 50 14.8 2.51E+04 1 9 45 3.4E-14 1.4E-14 6.7E-15 HOT BELT AREA #18083N-1- 28/MAR/94 01/APR/94 32 14.5 1.31E+04 2 3 17 3.3E-14 2.0E-15 9.4E-15 HOT BELT AREA #18083N-2- 28/MAR/94 01/APR/94 51 15.5 2.24E+04 1 9 57 5.2E-14 1.7E-14 7.5E-15 HOT BELT AREA #18083N-4- 28/MAR/94 01/APR/94 51 15.5 2.24E+04 1 9 57 5.2E-14 1.7E-14 7.5E-15 HOT BELT AREA #18083N-4- 28/MAR/94 02/APR/94 40 14.8 1.68E+04 1 9 33 3.9E-14 1.8E-14 8.2E-15 HOT BELT AREA #18083N-4- 28/MAR/94 02/APR/94 32 15.1 1.37E+04 1 9 37 5.3E-14 1.1E-14 4.0E-15 SOUTH SIDE OF \$1 #7219 30/MAR/94 02/APR/94 78 15.1 3.34E+04 1 6 60 3.7E-14 1.1E-14 4.0E-15 SOUTH SIDE OF \$1 #7219 30/MAR/94 02/APR/94 78 15.1 3.34E+04 1 6 55 7.5E-14 2.3E-14 BODEN TRUCK AREA #18083N HOT BELT AREA #1	28/HAR/94		-									
28/MAR/94 01/APR/94 32 14.5 1.31E+04 2 3 17 3.3E-14 2.0E-15 9.4E-15 HOT BELT AREA #18083H-2- 28/MAR/94 01/APR/94 31 14.8 1.30E+04 2 3 36 7.8E-14 2.9E-15 9.5E-15 HOT BELT AREA #18083H-3- 28/MAR/94 01/APR/94 51 15.5 2.24E+04 1 9 57 5.2E-14 1.7E-14 7.5E-15 HOT BELT AREA #18083H-4- 28/MAR/94 01/APR/94 51 15.5 5.224E+04 1 6 63 3.7E-14 1.8E-14 8.2E-15 HOT BELT AREA #18083H-4- 28/MAR/94 01/APR/94 32 15.1 1.37E+04 1 9 39 5.3E-14 2.4E-14 1.2E-14 HOT BELT AREA #18083H-5- 28/MAR/94 01/APR/94 80 15.3 3.4TE+04 1 6 60 3.7E-14 1.1E-14 4.0E-15 SOUTH SIDE OF S1 #7219 30/MAR/94 02/APR/94 78 15.1 3.34E+04 1 6 54 3.5E-14 1.1E-14 4.0E-15 SOUTH SIDE OF S1 #7219 30/MAR/94 02/APR/94 78 14.0 3.09E+04 2 4 491 4.8E-13 3.7E-14 8.8E-15 HOT BELT AREA #18083H-5- 30/MAR/94 02/APR/94 39 14.2 1.5TE+04 1 6 55 7.5E-14 2.3E-14 8.8E-15 HOT BELT AREA #18083H 30/MAR/94 02/APR/94 39 14.2 1.5TE+04 1 6 60 1.3E-13 3.7E-14 1.3E-14 HOT BELT AREA #18083H 30/MAR/94 02/APR/94 30 14.3 1.21E+04 2 4 24 5.0E-14 2.3E-14 8.8E-15 HOT BELT AREA #18083H 30/MAR/94 02/APR/94 81 15.5 3.56E+04 2 6 25 2.0E-14 1.2E-15 6.1E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 81 15.5 7.73E+04 1 6 61 1.3E-14 HOT BELT AREA #18083H 31/MAR/94 04/APR/94 176 15.0 4.29E+04 2 6 32 1.9E-14 1.0E-15 4.9E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 176 15.5 7.73E+04 1 6 61 1.1E-14 4.2E-15 1.8E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 176 15.5 7.73E+04 1 6 63 3.3E-14 1.2E-15 6.1E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 176 15.5 7.73E+04 1 6 63 3.3E-14 1.2E-15 6.9E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 176 15.5 7.73E+04 1 6 65 1.7E-14 6.9E-16 3.1E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 176 15.5 7.73E+04 1 6 65 1.7E-14 6.9E-16 3.1E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 176 15.5 7.73E+04 1 6 65 1.7E-14 6.9E-16 3.1E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 176 15.5 7.73E+04 1 6 65 1.7E-14 6.9E-16 3.1E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 176 15.5 7.73E+04 1 6 65 1.7E-14 6.9E-16 3.1E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 176 15.5 7.73E+04 1 6	28/HAR/94		•			-						
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30/MAR/94 02/APR/94 39 14.2 1.57E+04 1 6 55 7.5E-14 2.3E-14 8.8E-15 HOT BELT AREA #18083N 30/MAR/94 02/APR/94 26 14.0 1.03E+04 1 6 60 1.3E-13 3.7E-14 1.3E-14 HOT BELT AREA #18083N 30/MAR/94 02/APR/94 26 14.0 1.03E+04 2 4 24 5.0E-14 2.6E-15 1.2E-14 HOT BELT AREA #18083N 30/MAR/94 02/APR/94 68 14.8 2.85E+04 2 6 25 2.0E-14 1.2E-15 6.1E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 81 15.5 3.56E+04 2 6 31 2.2E-14 1.0E-15 4.9E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 101 15.0 4.29E+04 2 6 32 1.9E-14 8.6E-16 4.1E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 176 15.5 7.73E+04 1 6 41 1.1E-14 4.2E-15 1.8E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 139 14.5 5.71E+04 2 6 37 1.7E-14 6.9E-16 3.1E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 02/APR/94 169 14.5 6.94E+04 1 6 54 1.7E-14 5.3E-15 2.0E-15 S1/2 FEED BELT AREA #1082 31/MAR/94 04/APR/94 62 14.4 2.53E+04 2 6 33 3.3E-14 1.5E-15 6.9E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 108 14.0 4.28E+04 2 6 22 1.1E-14 7.4E-16 4.1E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 170 14.0 6.74E+04 2 6 22 1.1E-14 7.4E-16 4.1E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 170 14.0 6.74E+04 2 6 33 1.3E-14 2.2E-14 9.3E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 31 16.8 1.47E+04 1 6 35 4.7E-14 2.0E-14 9.3E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 30 14.5 3.82E+04 1 6 39 5.0E-14 2.2E-14 8.6E-15 HOT BELT AREA #18083N-2-31/MAR/94 04/APR/94 30 14.5 3.82E+04 1 6 51 2.8E-14 9.3E-15 HOT BELT AREA #18083N-2-31/MAR/94 04/APR/94 30 14.5 3.82E+04 1 6 51 2.8E-14 9.3E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 30 14.5 3.82E+04 1 6 51 2.8E-14 9.3E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 1 6 51 9.0E-14 2.9E-14 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 1 6 51 9.0E-14 2.9E-14 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 1 6 51 9.0E-14 2.9E-14 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 1 6 51 9.0E-14 2.9E-14 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 1 6 51 9.0E-14 2.9E-14 HOT BELT AREA #18083N-1-31/M	30/MAR/94	02/APR/94	78	15.1	3.34E+04		-					
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30/MAR/94 02/APR/94 28 14.0 1.05E+04 2 4 24 5.0E-14 2.6E-15 1.2E-14 HOT BELT AREA #18083N 02/APR/94 02/APR/94 68 14.8 2.85E+04 2 6 25 2.0E-14 1.2E-15 6.1E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 81 15.5 3.56E+04 2 6 31 2.2E-14 1.0E-15 4.9E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 101 15.0 4.29E+04 2 6 32 1.9E-14 8.6E-16 4.1E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 176 15.5 7.73E+04 1 6 41 1.1E-14 4.2E-15 1.8E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 139 14.5 5.71E+04 2 6 37 1.7E-14 6.9E-16 3.1E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 02/APR/94 169 14.5 6.94E+04 1 6 54 1.7E-14 5.3E-15 2.0E-15 S1/2 FEED BELT AREA #1082 31/MAR/94 04/APR/94 62 14.4 2.53E+04 2 6 33 3.3E-14 1.5E-15 6.9E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 74 14.0 2.93E+04 1 6 50 3.6E-14 1.2E-14 4.7E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 108 14.0 4.28E+04 2 6 22 1.1E-14 7.4E-16 4.1E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 170 14.0 6.74E+04 2 6 22 1.1E-14 7.4E-16 4.1E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 31 16.8 1.47E+04 1 6 35 4.7E-14 2.0E-14 9.3E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 39 14.5 1.60E+04 1 6 39 5.0E-14 2.0E-14 8.6E-15 HOT BELT AREA #18083N-2-31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 9.0E-14 2.9E-14 1.1E-14 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 9.0E-14 2.9E-14 1.1E-14 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 9.0E-14 2.9E-14 1.1E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 9.0E-14 2.9E-14 1.1E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1	30/MAR/94	02/APR/94	39	14.2	1.57E+04	1						
30/MAR/94 02/APR/94 30 14.5 1.21E+04 2 6 25 2.0E-14 1.2E-15 6.1E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 81 15.5 3.56E+04 2 6 31 2.2E-14 1.0E-15 4.9E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 101 15.0 4.29E+04 2 6 32 1.9E-14 8.6E-16 4.1E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 176 15.5 7.73E+04 1 6 41 1.1E-14 4.2E-15 1.8E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 139 14.5 5.71E+04 2 6 37 1.7E-14 6.9E-16 3.1E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 02/APR/94 169 14.5 6.94E+04 1 6 54 1.7E-14 5.3E-15 2.0E-15 S1/2 FEED BELT AREA #1082 31/MAR/94 04/APR/94 62 14.4 2.53E+04 2 6 33 3.3E-14 1.5E-15 6.9E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 108 14.0 2.93E+04 1 6 50 3.6E-14 1.2E-14 4.7E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 170 14.0 6.74E+04 2 6 22 1.1E-14 7.4E-16 4.1E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 31 16.8 1.47E+04 1 6 35 4.7E-14 2.0E-14 9.3E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 39 14.5 1.60E+04 1 6 39 5.0E-14 2.2E-14 8.6E-15 HOT BELT AREA #18083N-2- 31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 2.8E-14 9.3E-15 HOT BELT AREA #18083N-4- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-14 8.9E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-14 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 1 6 51 2.8E-14 9.3E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-14 HOT BELT AREA #18083N-1-	30/MAR/94	02/APR/94	26	14.0	1.03E+04	1	6	60				
31/MAR/94 04/APR/94 81 15.5 3.56E+04 2 6 31 2.2E-14 1.0E-15 4.9E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 101 15.0 4.29E+04 2 6 32 1.9E-14 8.6E-16 4.1E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 176 15.5 7.73E+04 1 6 41 1.1E-14 4.2E-15 1.8E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 139 14.5 5.71E+04 2 6 37 1.7E-14 6.9E-16 3.1E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 139 14.5 5.71E+04 2 6 37 1.7E-14 6.9E-16 3.1E-15 S1/2 FEED BELT AREA #1082 31/MAR/94 02/APR/94 169 14.5 6.94E+04 1 6 54 1.7E-14 5.3E-15 2.0E-15 S1/2 FEED BELT AREA #1082 31/MAR/94 04/APR/94 62 14.4 2.53E+04 2 6 33 3.3E-14 1.5E-15 6.9E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 74 14.0 2.93E+04 1 6 50 3.6E-14 1.2E-14 4.7E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 108 14.0 4.28E+04 2 6 22 1.1E-14 7.4E-16 4.1E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 31 16.8 1.47E+04 1 6 35 4.7E-14 2.0E-14 9.3E-15 HOT BELT AREA #18083N 31/MAR/94 04/APR/94 39 14.5 1.60E+04 1 6 39 5.0E-14 2.2E-14 8.6E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 2.8E-14 9.3E-15 HOT BELT AREA #18083N-4- 31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 2.8E-14 9.3E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 2.8E-14 9.3E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 2.8E-14 9.3E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 2.8E-14 9.3E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 30 14.5 1.97E+04 1 6 51 2.8E-14 9.3E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 30 14.5 1.97E+04 1 6 51 9.0E-14 2.9E-15 B.9E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 30 14.5 1.97E+04 2 6 39 5.1E-14 2.9E-15 B.9E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.9E-15 HOT BELT AREA #18083N-1-	30/HAR/94	02/APR/94	30	14.3	1.21E+04	2	4					
31/MAR/94 04/APR/94 101 15.0 4.29E+04 2 6 32 1.9E-14 8.6E-16 4.1E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 176 15.5 7.73E+04 1 6 41 1.1E-14 4.2E-15 1.8E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 139 14.5 5.71E+04 2 6 37 1.7E-14 6.9E-16 3.1E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 169 14.5 6.94E+04 1 6 54 1.7E-14 5.3E-15 2.0E-15 S1/2 FEED BELT AREA #1082 31/MAR/94 04/APR/94 62 14.4 2.53E+04 2 6 33 3.3E-14 1.5E-15 6.9E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 74 14.0 2.93E+04 1 6 50 3.6E-14 1.2E-14 4.7E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 108 14.0 4.28E+04 2 6 22 1.1E-14 7.4E-16 4.1E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 31 16.8 14.7E+04 1 6 35 4.7E-14 2.0E-14 9.3E-15 HOT BELT AREA #18083N 31/MAR/94 04/APR/94 39 14.5 1.60E+04 1 6 39 5.0E-14 2.2E-14 8.6E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 2.8E-14 9.3E-15 HOT BELT AREA #18083N-4- 31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 9.0E-14 2.9E-14 1.1E-14 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 9.0E-14 2.9E-14 1.1E-14 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-	31/MAR/94	04/APR/94	68	14.8	2.85E+04	2	6	25				
31/MAR/94 04/APR/94 176 15.5 7.73E+04 1 6 41 1.1E-14 4.2E-15 1.8E-15 SOUTH SIDE OF S1 #7219 31/MAR/94 04/APR/94 139 14.5 5.71E+04 2 6 37 1.7E-14 6.9E-16 3.1E-15 S1/2 FEED BELT AREA #1082 31/MAR/94 02/APR/94 169 14.5 6.94E+04 1 6 54 1.7E-14 5.3E-15 2.0E-15 S1/2 FEED BELT AREA #1082 31/MAR/94 04/APR/94 62 14.4 2.53E+04 2 6 33 3.3E-14 1.5E-15 6.9E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 74 14.0 2.93E+04 1 6 50 3.6E-14 1.2E-14 4.7E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 108 14.0 4.28E+04 2 6 22 1.1E-14 7.4E-16 4.1E-15 DUMP TRUCK AREA #7218 31/MAR/94 02/APR/94 170 14.0 6.74E+04 2 4 33 1.3E-14 5.4E-16 2.1E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 31 16.8 1.47E+04 1 6 35 4.7E-14 2.0E-14 9.3E-15 HOT BELT AREA #18083N 31/MAR/94 04/APR/94 39 14.5 1.60E+04 1 6 39 5.0E-14 2.2E-14 8.6E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 93 14.5 3.82E+04 1 6 51 2.8E-14 9.3E-15 HOT BELT AREA #18083N-4- 31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 2.8E-14 9.3E-15 HOT BELT AREA #18083N-4- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-	31/MAR/94	04/APR/94	81	15.5	3.56E+04	2	6	31				=
31/MAR/94 04/APR/94 139 14.5 5.71E+04 2 6 37 1.7E-14 6.9E-16 3.1E-15 S1/2 FEED BELT AREA #1082 31/MAR/94 02/APR/94 169 14.5 6.94E+04 1 6 54 1.7E-14 5.3E-15 2.0E-15 S1/2 FEED BELT AREA #1082 31/MAR/94 04/APR/94 62 14.4 2.53E+04 2 6 33 3.3E-14 1.5E-15 6.9E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 74 14.0 2.93E+04 1 6 50 3.6E-14 1.2E-14 4.7E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 108 14.0 4.28E+04 2 6 22 1.1E-14 7.4E-16 4.1E-15 DUMP TRUCK AREA #7218 31/MAR/94 02/APR/94 170 14.0 6.74E+04 2 4 33 1.3E-14 5.4E-16 2.1E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 31 16.8 1.47E+04 1 6 35 4.7E-14 2.0E-14 9.3E-15 HOT BELT AREA #18083N 31/MAR/94 04/APR/94 39 14.5 1.60E+04 1 6 39 5.0E-14 2.2E-14 8.6E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 93 14.5 3.82E+04 1 6 51 2.8E-14 9.3E-15 HOT BELT AREA #18083N-4- 31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 2.8E-14 9.3E-15 HOT BELT AREA #18083N-4- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-	31/HAR/94	04/APR/94	101	15.0	4.29E+04	2	6	32				
31/MAR/94 02/APR/94 169 14.5 6.94E+04 1 6 54 1.7E-14 5.3E-15 2.0E-15 S1/2 FEED BELT AREA #1082 31/MAR/94 04/APR/94 62 14.4 2.53E+04 2 6 33 3.3E-14 1.5E-15 6.9E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 74 14.0 2.93E+04 1 6 50 3.6E-14 1.2E-14 4.7E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 108 14.0 4.28E+04 2 6 22 1.1E-14 7.4E-16 4.1E-15 DUMP TRUCK AREA #7218 31/MAR/94 02/APR/94 170 14.0 6.74E+04 2 4 33 1.3E-14 5.4E-16 2.1E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 31 16.8 1.47E+04 1 6 35 4.7E-14 2.0E-14 9.3E-15 HOT BELT AREA #18083N 31/MAR/94 04/APR/94 39 14.5 1.60E+04 1 6 39 5.0E-14 2.0E-14 8.6E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 93 14.5 3.82E+04 1 6 51 2.8E-14 9.3E-15 3.6E-15 HOT BELT AREA #18083N-4- 31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 9.0E-14 2.9E-14 1.1E-14 HOT BELT AREA #18083N-4- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-	31/HAR/94	04/APR/94	176	15.5	7.73E+04							
31/MAR/94 04/APR/94 62 14.4 2.53E+04 2 6 33 3.3E-14 1.5E-15 6.9E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 74 14.0 2.93E+04 1 6 50 3.6E-14 1.2E-14 4.7E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 108 14.0 4.28E+04 2 6 22 1.1E-14 7.4E-16 4.1E-15 DUMP TRUCK AREA #7218 31/MAR/94 02/APR/94 170 14.0 6.74E+04 2 4 33 1.3E-14 5.4E-16 2.1E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 31 16.8 1.47E+04 1 6 35 4.7E-14 2.0E-14 9.3E-15 HOT BELT AREA #18083N 31/MAR/94 04/APR/94 39 14.5 1.60E+04 1 6 39 5.0E-14 2.2E-14 8.6E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 93 14.5 3.82E+04 1 6 51 2.8E-14 9.3E-15 HOT BELT AREA #18083N-4- 31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 9.0E-14 2.9E-14 1.1E-14 HOT BELT AREA #18083N-4- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-	31/MAR/94	04/APR/94	139	14.5	5.71E+04							
31/MAR/94 04/APR/94 74 14.0 2.93E+04 1 6 50 3.6E-14 1.2E-14 4.7E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 108 14.0 4.28E+04 2 6 22 1.1E-14 7.4E-16 4.1E-15 DUMP TRUCK AREA #7218 31/MAR/94 02/APR/94 170 14.0 6.74E+04 2 4 33 1.3E-14 5.4E-16 2.1E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 31 16.8 1.47E+04 1 6 35 4.7E-14 2.0E-14 9.3E-15 HOT BELT AREA #18083N 1-31/MAR/94 04/APR/94 39 14.5 1.60E+04 1 6 39 5.0E-14 2.0E-14 8.7E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 93 14.5 3.82E+04 1 6 51 2.8E-14 9.3E-15 HOT BELT AREA #18083N-4-31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 9.0E-14 2.9E-14 HOT BELT AREA #18083N-4-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 3	31/MAR/94	02/APR/94	169	14.5	6.94E+04		6					
31/MAR/94 04/APR/94 108 14.0 4.28E+04 2 6 22 1.1E-14 7.4E-16 4.1E-15 DUMP TRUCK AREA #7218 31/MAR/94 02/APR/94 170 14.0 6.74E+04 2 4 33 1.3E-14 5.4E-16 2.1E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 31 16.8 1.47E+04 1 6 35 4.7E-14 2.0E-14 9.3E-15 HOT BELT AREA #18083N 31/MAR/94 04/APR/94 39 14.5 1.60E+04 1 6 49 6.5E-14 2.2E-14 8.6E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 40 14.0 1.59E+04 1 6 39 5.0E-14 2.0E-14 8.7E-15 HOT BELT AREA #18083N-2- 31/MAR/94 04/APR/94 93 14.5 3.82E+04 1 6 51 2.8E-14 9.3E-15 3.6E-15 HOT BELT AREA #18083N-4- 31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 9.0E-14 2.9E-14 1.1E-14 HOT BELT AREA #18083N-4- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-	31/MAR/94	04/APR/94	62	14.4	2.53E+04	2						
31/MAR/94 04/APR/94 170 14.0 6.74E+04 2 4 33 1.3E-14 5.4E-16 2.1E-15 DUMP TRUCK AREA #7218 31/MAR/94 04/APR/94 31 16.8 1.47E+04 1 6 35 4.7E-14 2.0E-14 9.3E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 39 14.5 1.60E+04 1 6 39 5.0E-14 2.0E-14 8.6E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 40 14.0 1.59E+04 1 6 39 5.0E-14 2.0E-14 8.7E-15 HOT BELT AREA #18083N-2- 31/MAR/94 04/APR/94 93 14.5 3.82E+04 1 6 51 2.8E-14 9.3E-15 3.6E-15 HOT BELT AREA #18083N-4- 31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 9.0E-14 2.9E-14 1.1E-14 HOT BELT AREA #18083N-4- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-	31/HAR/94	04/APR/94	74	14.0	2.93E+04	1	6					
31/MAR/94 04/APR/94 31 16.8 1.47E+04 1 6 35 4.7E-14 2.0E-14 9.3E-15 HOT BELT AREA #18083N 31/MAR/94 04/APR/94 39 14.5 1.60E+04 1 6 39 5.0E-14 2.0E-14 8.6E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 40 14.0 1.59E+04 1 6 39 5.0E-14 2.0E-14 8.7E-15 HOT BELT AREA #18083N-2-31/MAR/94 04/APR/94 93 14.5 3.82E+04 1 6 51 2.8E-14 9.3E-15 3.6E-15 HOT BELT AREA #18083N-4-31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 9.0E-14 2.9E-14 1.1E-14 HOT BELT AREA #18083N-4-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E-14 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.	31/HAR/94	04/APR/94	108	14.0	4.28E+04	2	6					
31/MAR/94 04/APR/94 39 14.5 1.60E+04 1 6 49 6.5E-14 2.2E-14 8.6E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 40 14.0 1.59E+04 1 6 39 5.0E-14 2.0E-14 8.7E-15 HOT BELT AREA #18083N-2- 31/MAR/94 04/APR/94 93 14.5 3.82E+04 1 6 51 2.8E-14 9.3E-15 3.6E-15 HOT BELT AREA #18083N-4- 31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 9.0E-14 2.9E-14 1.1E-14 HOT BELT AREA #18083N-4- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-	31/MAR/94	02/APR/94	170	14.0	6.74E+04	2	4					
31/MAR/94 04/APR/94 39 14.5 1.60E+04 1 6 49 6.5E-14 2.2E-14 8.6E-15 HOT BELT AREA #18083N-1- 31/MAR/94 04/APR/94 40 14.0 1.59E+04 1 6 39 5.0E-14 2.0E-14 8.7E-15 HOT BELT AREA #18083N-2- 31/MAR/94 04/APR/94 93 14.5 3.82E+04 1 6 51 2.8E-14 9.3E-15 3.6E-15 HOT BELT AREA #18083N-4- 31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 9.0E-14 2.9E-14 1.1E-14 HOT BELT AREA #18083N-4- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-	31/HAR/94	04/APR/94	31	16.8	1.47E+04	1	6	35	4.7E-14	2.0E-14		
31/MAR/94 04/APR/94 40 14.0 1.59E+04 1 6 39 5.0E-14 2.0E-14 8.7E-15 HOT BELT AREA #18083N-2- 31/MAR/94 04/APR/94 93 14.5 3.82E+04 1 6 51 2.8E-14 9.3E-15 3.6E-15 HOT BELT AREA #18083N-4- 31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 9.0E-14 2.9E-14 1.1E-14 HOT BELT AREA #18083N-4- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-		04/APR/94	39	14.5	1.60E+04	1	6	49	6.5E-14	2.2E-14		
31/MAR/94 04/APR/94 93 14.5 3.82E+04 1 6 51 2.8E-14 9.3E-15 3.6E-15 HOT BELT AREA #18083N-4-31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 9.0E-14 2.9E-14 1.1E-14 HOT BELT AREA #18083N-4-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E-14 48 14.0E-14 HOT BELT AREA #18083N-1-31/MAR/94 04/APR/94 48 14.5 1.97E-14 48 14.0E-14 48 14.0E	-	-	40	14.0	1.59E+04	1	6	39	5.0E-14	2.0E-14	8.7E-15	
31/MAR/94 04/APR/94 30 14.2 1.21E+04 1 6 51 9.0E-14 2.9E-14 1.1E-14 HOT BELT AREA #18083N-4- 31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-			93	14.5	3.82E+04	1	6	51	2.8E-14	9.3E-15	3.6E-15	
31/MAR/94 04/APR/94 48 14.5 1.97E+04 2 6 39 5.1E-14 2.0E-15 8.9E-15 HOT BELT AREA #18083N-1-				14.2	1.21E+04	1	6	5,1	9.0E-14	2.9E-14	1.1E-14	
70 1 15-13 3 05-14 1 05-14 HOT BELT AREA #18083N-1-			-		1.97E+04	2	6	39	5.1E-14	2.0E-15	8.9E-15	
						1	6	70	1.1E-13	3.0E-14	1.0E-14	HOT BELT AREA #18083N-1-

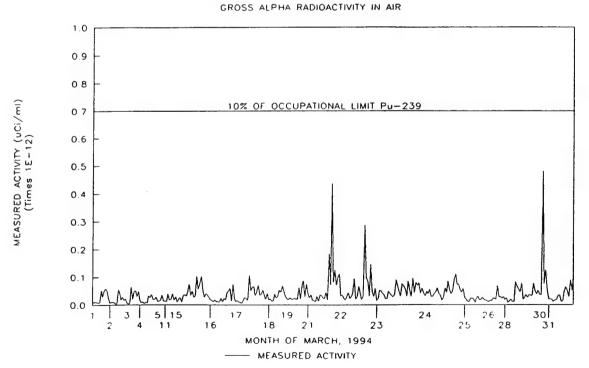
file: arpt0394.wr1 page 7 of 8

### JA PLUTONIUM SITE

GROSS ALPHA RADIOACTIVITY IN AIR



# JA PLUTONIUM SITE



TMA/EBERLINE-JOHNSTON ATOLL GROSS ALPHA RADIOACTIVITY IN AIR TEST RESULTS FOR THE MONTH OF APRIL 1994

THIS REPORT WAS REVIEWED BY:

DATE: 4 APR94

The current 10CFR PART 20 "Standards for Protection Against Radiation" limits of concentration in air for Pu-239 are as follows:

Occupational Limit = 7 E-12 uCi/ml

INSTRUMENT NO.1

MS-2/RD-14 SN: 354/407

SITE NAME:

JOHNSTON ATOLL

CAL DUE DATE:

08/SEP/94

REPORT DATE:

01/MAY/94

INSTRUMENT NO.2

ESP-2/43-1 SN:964/PR033568

COMPILED BY:

S. PARKER SP J. WOODS (SW)

CAL DUE DATE:

08/SEP/94

EFF INSTR NO.1

0.375 4 pi

EFF INSTR NO.2

0.294 4 pi

BKG COUNT TIME: SAMPLE CNT TIME: 50 min 50 min

Sample Date	Count Date	Sample Time (min)	Flow Rate (cfm)	Sample Volume (liters)	Instr No.	_	Gross Sample Cnt	Reported Activity (uCi/ml)	2 Std Dev.+/-	Critical Level (uCi/ml)	Sample Area Description
										2 55 45	COUTH CINE OF C1 #7710
01/APR/94	06/APR/94	161	16.4	7.48E+04	2	7	41	1.4E-14	5.6E-16	2.5E-15	SOUTH SIDE OF \$1 #7219
.01/APR/94	05/APR/94	106	15.0	4.50E+04	2	8	55	3.2E-14	1.1E-15	4.5E-15	SOUTH SIDE OF S1 #7219
01/APR/94	05/APR/94	131	14.8	5.49E+04	1	3	47	1.9E-14	6.1E-15	1.8E-15	SOUTH SIDE OF S1 #7219
01/APR/94	05/APR/94	147	15.3	6.37E+04	1	3	131	4.8E-14	8.6E-15	1.5E-15	SOUTH SIDE OF S1 #7219
01/APR/94	06/APR/94	103	14.0	4.08E+04	1	4	43	2.3E-14	7.9E-15	2.7E-15	S1/2 FEED BELT #7218
01/APR/94	05/APR/94	98	14.0	3.89E+04	2	8	27	1.5E-14	9.1E-16	5.2E-15	\$1/2 FEED BELT #7218
01/APR/94	05/APR/94	200	13.6	7.70E+04	1	3	48	1.4E-14	4.4E-15	1.3E-15	\$1/2 FEED BELT #7218
01/APR/94	04/APR/94	145	14.0	5.75E+04	2	6	47	2.2E-14	7.6E-16	3.0E-15	\$1/2 FEED BELT #7218
01/APR/94	06/APR/94	162	14.5	6.65E+04	1	4	46	1.5E-14	5.0E-15	1.7E-15	\$1/2 GATE AREA #1082
01/APR/94	05/APR/94	104	13.5	3.98E+04	1	3	51	2.9E-14	8.7E-15	2.4E-15	\$1/2 GATE AREA #1082

01/APR/94 05/APR/94 \$1/2 GATE AREA #1082 2 8 34 1.5E-14 7.5E-16 3.9E-15 13.6 5.16F+04 01/APR/94 05/APR/94 134 1.6E-14 7.0E-16 3.5E-15 \$1/2 GATE AREA #1082 13.9 5.79E+04 2 8 38 01/APR/94 05/APR/94 147 1.0E-13 1.2E-14 \$1/2 HOT BELT #18083N-1-3 289 8.6E-13 05/APR/94 22 12.8 7.97E+03 1 01/APR/94 4.7E-15 \$1/2 HOT BELT #18083N-1-53 4.9E-14 1.5E-14 4 01/APR/94 06/APR/94 60 14.0 2.38E+04 1 \$1/2 HOT BELT #18083N-2-7 3.2E-14 2.0E-15 1.1E-14 25 1.70E+04 01/APR/94 06/APR/94 43 14.0 2 49 6.7E-14 2.1E-14 6.9E-15 \$1/2 HOT BELT #18083N-3-4 06/APR/94 41 14.0 1.63E+04 01/APR/94 S1/2 HOT BELT #18083N-1-723 9.0E-13 6.6E-14 5.0E-15 3 50 13.6 1.93E+04 01/APR/94 05/APR/94 \$1/2 HOT BELT #18083N-3-5.3E-14 1.5E-14 4.2E-15 3 54 05/APR/94 58 14.0 2.30E+04 01/APR/94 \$1/2 HOT BELT #18083N-4-1.4E-14 4.6E-15 5 4.8E-14 07/APR/94 14.5 2.75E+04 1 60 01/APR/94 67 7.0E-15 1.7E-14 \$1/2 HOT BELT #18083N-4-4.6E-13 8 188 01/APR/94 05/APR/94 32 13.2 1.20E+04 1.8E-14 6.6E-16 2.9E-15 SOUTH SIDE OF S1 #7219 7 15.5 6.58E+04 45 02/APR/94 06/APR/94 150 2.2E-15 SOUTH SIDE OF S1 #7219 2.2E-14 6.7E-15 15.5 5.18E+04 4 51 02/APR/94 06/APR/94 118 5.5E-15 1.9E-15 SOUTH SIDE OF S1 #7219 6.54E+04 5 53 1.8E-14 02/APR/94 07/APR/94 153 15.1 46 1.8E-14 6.1E-15 2.0E-15 S1/2 GATE AREA #1082 02/APR/94 14.5 5.50E+04 06/APR/94 134 6.41E+04 40 1.4E-14 4.9E-15 1.8E-15 \$1/2 GATE AREA #1082 14.5 1 02/APR/94 06/APR/94 156 5 41 1.7E-14 6.3E-15 2.5E-15 \$1/2 GATE AREA #1082 15.0 5.06E+04 02/APR/94 07/APR/94 119 1 \$1/2 FEED BELT #7218

file name: arpt0494.wr1

06/APR/94

91

14.5

3.74E+04

02/APR/94

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48

2.8E-14

9.1E-15

3.0E-15

4

		Sample	Flow	Sample		Gross	Gross	Reported		Critical	
Sample	Count	Time	Rate	Volume	Instr	Bkg	Sample	Activity	2 Std	Level	
Date	Date	(min)	(cfm)	(liters)	No.	Cnt	Cnt	(uCi/ml)	Dev.+/-	(uCi/ml)	Sample Area Description
		440	44.0	/ 725.0/	•	4	48	2.2E-14	7.2E-15	2.4E-15	\$1/2 FEED BELT #7218
02/APR/94	06/APR/94	119	14.0 13.8	4.72E+04 7.89E+04	1 2	7	37	1.2E-14	5.0E-16	2.4E-15	S1/2 FEED BELT #7218
02/APR/94	07/APR/94	202			2	7	22	2.6E-14	1.9E-15	1.1E-14	S1/2 HOT BELT #18083N-4-
02/APR/94	06/APR/94	43	14.3	1.74E+04 2.06E+04	2	7	56	7.3E-14	2.3E-15	9.2E-15	S1/2 HOT BELT #18083N-4-
02/APR/94	06/APR/94	53 89	13.7 14.0	3.53E+04	2	7	45	3.3E-14	1.2E-15	5.4E-15	S1/2 HOT BELT #18083N-1-
02/APR/94	06/APR/94			2.97E+04	2	7	57	5.2E-14	1.6E-15	6.4E-15	S1/2 HOT BELT #18083N-3-
02/APR/94	06/APR/94	75 34	14.0 13.5	1.30E+04	2	7	30	5.4E-14	2.8E-15	1.5E-14	\$1/2 HOT BELT #18083N-1-
02/APR/94	06/APR/94 07/APR/94	78	15.0	3.31E+04	1	5	39	2.5E-14	9.4E-15	3.8E-15	SOUTH SIDE OF S1 #7219
05/APR/94	07/APR/94	192	15.0	8.16E+04	1	5	44	1.1E-14	4.0E-15	1.5E-15	SOUTH SIDE OF \$1 #7219
05/APR/94	07/APR/94	140	14.7	5.83E+04	2	7	31	1.3E-14	6.4E-16	3.2E-15	SOUTH SIDE OF S1 #7219
05/APR/94 05/APR/94	08/APR/94	146	14.5	6.00E+04	1	6	49	1.7E-14	5.8E-15	2.3E-15	SOUTH SIDE OF S1 #7219
05/APR/94 05/APR/94	07/APR/94	179	13.8	7.00E+04	2	7	28	9.2E-15	5.1E-16	2.7E-15	\$1/2 GATE AREA #1082
	07/APR/94	322	13.8	1.26E+05	1	5	41	6.9E-15	2.5E-15	1.0E-15	S1/2 GATE AREA #1082
05/APR/94 05/APR/94	07/APR/94	187	14.3	7.57E+04	2	7	24	6.9E-15	4.4E-16	2.5E-15	S1/2 FEED BELT #7218
	08/APR/94	149	13.7	5.78E+04	2	5	25	1.1E-14	5.7E-16	2.8E-15	S1/2 FEED BELT #7218
05/APR/94	07/APR/94	142	14.0	5.63E+04	1	5	48	1.8E-14	6.1E-15	2.2E-15	\$1/2 FEED BELT #7218
05/APR/94 05/APR/94	07/APR/94	37	14.3	1.50E+04	2	7	33	5.3E-14	2.5E-15	1.3E-14	S1/2 ROPE AREA #18083N-2-
05/APR/94 05/APR/94	07/APR/94	33	14.0	1.31E+04	2	7	34	6.3E-14	2.9E-15	1.4E-14	S1/2 ROPE AREA #18083N-2-
05/APR/94	07/APR/94	30	13.5	1.15E+04	1	5	47	8.8E-14	3.0E-14	1.1E-14	S1/2 ROPE AREA #18083N-2-
05/APR/94	07/APR/94	50	13.0	1.84E+04	1	5	41	4.7E-14	1.7E-14	6.8E-15	S1/2 ROPE AREA #18083N-1-
05/APR/94	07/APR/94	35	13.5	1.34E+04	2	7	34	6.2E-14	2.9E-15	1.4E-14	S1/2 ROPE AREA #18083N-1-
06/APR/94	08/APR/94	200	15.0	8.50E+04	1	6	82	2.1E-14	5.2E-15	1.6E-15	SOUTH SIDE OF S1 #7219
06/APR/94	08/APR/94	231	15.5	1.01E+05	1	6	56	1.2E-14	3.7E-15	1.4E-15	SOUTH SIDE OF S1 #7219
06/APR/94	08/APR/94	119	15.0	5.06E+04	1	6	52	2.2E-14	7.1E-15	2.7E-15	SOUTH SIDE OF S1 #7219
06/APR/94	08/APR/94	204	14.0	8.09E+04	3	6	53	1.4E-14	4.5E-15	1.7E-15	S1/2 GATE AREA #1082
06/APR/94	08/APR/94	350	14.5	1.44E+05	2	5	34	6.2E-15	2.6E-16	1.1E-15	S1/2 GATE AREA #1082
06/APR/94	08/APR/94	202	14.0	8.01E+04	2	5	49	1.7E-14	5.5E-16	2.0E-15	\$1/2 FEED BELT #7218
06/APR/94	08/APR/94	156	14.0	6.19E+04	2	5	38	1.6E-14	6.4E-16	2.6E-15	S1/2 FEED BELT #7218
06/APR/94	08/APR/94	195	13.8	7.62E+04	1	6	65	1.9E-14	5.2E-15	1.8E-15	\$1/2 FEED BELT #7218
06/APR/94	08/APR/94	47	13.5	1.80E+04	1	6	78	9.6E-14	2.4E-14	7.6E-15	JUNCTION BOX #18083N
06/APR/94	08/APR/94	35	13.5	1.34E+04	2	5	35	6.9E-14	2.8E-15	1.2E-14	S1/2 ROPE AREA #18083N-1-
06/APR/94	08/APR/94	48	14.0	1.90E+04	1	6	42	4.5E-14	1.7E-14	7.2E-15	\$1/2 ROPE AREA #18083N-2-
06/APR/94	08/APR/94	36	14.0	1.43E+04	2	5	87	1.8E-13	4.0E-15	1.1E-14	\$1/2 ROPE AREA #18083N-2-
06/APR/94	08/APR/94	41	14.0	1.63E+04	2	5	27	4.1E-14	2.1E-15	9.8E-15	\$1/2 ROPE AREA #18083N-2-
06/APR/94	08/APR/94	30	13.5	1.15E+04	1	6	56	1.0E-13	3.2E-14	1.2E-14	S1/2 ROPE AREA #18083N-1-
06/APR/94	08/APR/94	30	13.8	1.17E+04	2	5	34	7.6E-14	3.2E-15	1.4E-14	\$1/2 ROPE AREA #18083N-3-
07/APR/94	09/APR/94	160	15.4	6.98E+04	1	11	107	3.3E-14	7.3E-15	2.7E-15	SOUTH SIDE OF S1 #7219
07/APR/94	09/APR/94	255	14.9	1.08E+05	1	11	78	1.5E-14	4.1E-15	1.7E-15	SOUTH SIDE OF S1 #7219
07/APR/94	09/APR/94	131	15.1	5.60E+04	1	11	64	2.3E-14	7.3E-15	3.3E-15	SOUTH SIDE OF S1 #7219
07/APR/94	09/APR/94	548	14.4	2.23E+05	2	4	46	5.8E-15	1.9E-16	6.4E-16	S1/2 GATE AREA #1082
07/APR/94	09/APR/94	72	13.8	2.81E+04	1	11	73	5.3E-14	1.5E-14	6.6E-15	\$1/2 FEED BELT #7218
07/APR/94	09/APR/94	217	14.4	8.85E+04	2	4	34	1.0E-14	4.2E-16	1.6E-15	\$1/2 FEED BELT #7218
07/APR/94	09/APR/94	256	14.1	1.02E+05	2	4	62	1.7E-14	4.8E-16	1.4E-15	S1/2 FEED BELT #7218
07/APR/94	09/APR/94	41	13.5	1.57E+04	1	6	82	1.2E-13	2.8E-14	8.8E-15	S1/2 HOT BELT #18083N-6-
07/APR/94	09/APR/94	41	12.8	1.49E+04	2	4	44	8.2E-14	2.8E-15	9.6E-15	S1/2 HOT BELT #18083N-6-
07/APR/94	09/APR/94	37	13.5	1.41E+04	2	4	22	3.9E-14	2.2E-15	1.0E-14	S1/2 HOT BELT #18083N-6-
07/APR/94	09/APR/94	40	13.5	1.53E+04	1	11	82	1.1E-13	3.0E-14	1.2E-14	S1/2 HOT BELT #18083N-4-
07/APR/94	09/APR/94	38	14.0	1.51E+04	2	4	38	6.9E-14	2.6E-15	9.5E-15	S1/2 HOT BELT #18083N-4-
07/APR/94	09/APR/94	39	14.4	1.59E+04	2	4	84	1.5E-13	3.5E-15	9.0E-15	CONTROL PANEL #18083N
07/APR/94	09/APR/94	50	13.5	1.91E+04	1	11	60	6.2E-14	2.1E-14	9.7E-15	CONTROL PANEL #18083N
08/APR/94	11/APR/94	117	15.1	5.00E+04	1	5	48	2.1E-14	6.9E-15	2.5E-15	SOUTH SIDE OF S1 #7219
08/APR/94	11/APR/94	159	14.5	6.53E+04	2	3	48	2.1E-14	6.6E-16	1.9E-15	SOUTH SIDE OF S1 #7219

		Sample	Flow	Sample		Gross	Gross	Reported		Critical	
Cample	Count	Time	Rate	Volume	Instr	Bkg	Sample	Activity	2 Std	Level	
Sample Date	Date	(min)	(cfm)	(liters)	No.	Cnt	Cnt	(uCi/ml)	Dev.+/-	(uCi/ml)	Sample Area Description
08/APR/94	11/APR/94	75	15.5	3.29E+04	2	3	29	2.4E-14	1.0E-15	3.8E-15	SOUTH SIDE OF S1 #7219
08/APR/94	11/APR/94	182	15.6	8.04E+04	1	5	64	1.8E-14	4.9E-15	1.6E-15	SOUTH SIDE OF S1 #7219
08/APR/94	11/APR/94	569	15.0	2.42E+05	2	3	30	3.4E-15	1.4E-16	5.1E-16	S1/2 GATE AREA #1082
08/APR/94	09/APR/94	111	13.8	4.34E+04	1	11	108	5.4E-14	1.2E-14	4.3E-15	S1/2 FEED BELT #7218
08/APR/94	11/APR/94	284	14.0	1.13E+05	2	3	65	1.7E-14	4.4E-16	1.1E-15	\$1/2 FEED BELT #7218
08/APR/94	11/APR/94	174	14.0	6.90E+04	1	5	95	3.1E-14	6.8E-15	1.8E-15	\$1/2 FEED BELT #7218
08/APR/94	11/APR/94	41	13.8	1.60E+04	2	3	30	5.2E-14	2.2E-15	7.7E-15	\$1/2 HOT BELT #18083N-4-
08/APR/94	11/APR/94	82	13.5	3.14E+04	1	5	56	3.9E-14	1.2E-14	4.0E-15	S1/2 HOT BELT #18083N-4-
08/APR/94	11/APR/94	42	13.8	1.64E+04	1	5	73	1.0E-13	2.5E-14	7.6E-15	\$1/2 HOT BELT #18083N-4-
08/APR/94	11/APR/94	62	12.4	2.18E+04	1	5	41	4.0E-14	1.5E-14	5.8E-15	\$1/2 HOT BELT #18083N-4-
08/APR/94	11/APR/94	36	13.5	1.38E+04	2	3	25	4.9E-14	2.3E-15	9.0E-15	S1/2 HOT BELT #18083N-5-
08/APR/94	11/APR/94	50	13.5	1.91E+04	2	3	32	4.6E-14	1.9E-15	6.5E-15	JUNCTION BOX #18083N
09/APR/94	12/APR/94	154	14.8	6.45E+04	3	8	100	3.4E-14	7.6E-15	2.5E-15	SOUTH SIDE OF S1 #7219
09/APR/94	12/APR/94	213	15.0	9.05E+04	1	8	97	2.4E-14	5.3E-15	1.8E-15	SOUTH SIDE OF S1 #7219
09/APR/94	12/APR/94	343	14.0	1.36E+05	1	8	85	1.4E-14	3.3E-15	1.2E-15	S1/2 GATE AREA #1082
09/APR/94	12/APR/94	212	12.6	7.56E+04	2	3	54	2.1E-14	6.0E-16	1.6E-15	S1/2 FEED BELT #7218
09/APR/94	12/APR/94	155	13.8	6.06E+04	2	3	135	6.7E-14	1.2E-15	2.0E-15	S1/2 FEED BELT #7218
09/APR/94	11/APR/94	35	12.5	1.24E+04	2	3	28	6.2E-14	2.7E-15	1.0E-14	S1/2 HOT BELT #18083N-6-
09/APR/94	11/APR/94	57	12.5	2.02E+04	1	5	52	5.6E-14	1.8E-14	6.2E-15	S1/2 HOT BELT #18083N-6-
09/APR/94	12/APR/94	32	13.8	1.25E+04	2	3	32	7.1E-14	2.8E-15	9.9E-15	S1/2 HOT BELT #18083N-6-
09/APR/94	12/APR/94	52	13.5	1.99E+04	1	8	63	6.6E-14	2.0E-14	8.0E-15	\$1/2 HOT BELT #18083N-6-
11/APR/94	13/APR/94	93	15.0	3.95E+04	2	3	45	3.3E-14	1.1E-15	3.1E-15	SOUTH SIDE OF S1 #7219
11/APR/94	13/APR/94	62	15.0	2.63E+04	1	3	34	2.8E-14	1.1E-14	3.7E-15	SOUTH SIDE OF S1 #7219
11/APR/94	12/APR/94	92	15.0	3.91E+04	2	3	105	8.0E-14	1.6E-15	3.2E-15	SOUTH SIDE OF S1 #7219
11/APR/94	12/APR/94	80	15.2	3.44E+04	1	8	249	1.7E-13	2.2E-14	4.6E-15	SOUTH SIDE OF S1 #7219
11/APR/94	13/APR/94	164	14.8	6.87E+04	2	3	214	9.4E-14	1.3E-15	1.8E-15	SOUTH SIDE OF S1 #7219
11/APR/94	13/APR/94	62	14.5	2.55E+04	2	3	31	3.4E-14	1.4E-15	4.9E-15	S1/2 GATE AREA #1082
11/APR/94	12/APR/94	74	13.8	2.89E+04	1	8	456	3.7E-13	3.5E-14	5.5E-15	\$1/2 FEED BELT #7218
11/APR/94	12/APR/94	193	13.7	7.49E+04	1	10	4102	1.3E-12	4.0E-14	2.4E-15	S1/2 FEED BELT #7218
11/APR/94	12/APR/94	96	13.6	3.70E+04	2	3	85	6.8E-14	1.5E-15	3.3E-15	S1/2 FEED BELT #7218
11/APR/94	13/APR/94	181	15.0	7.69E+04	2	3	57	2.28-14	6.1E-16	1.6E-15	\$1/2 FEED BELT #7218
11/APR/94	13/APR/94	64	13.7	2.48E+04	1	10	522	5.0E-13	4.4E-14	7.1E-15	\$1/2 FEED BELT #7218
11/APR/94	13/APR/94	31	12.4	1.09E+04	1	10	62	1.1E-13	3.7E-14	1.6E-14	S1/2 HOT BELT #18083N-4-
11/APR/94	13/APR/94	39	13.1	1.45E+04	1	10	74	1.1E-13	3.0E-14	1.2E-14	S1/2 HOT BELT #18083N-4-
11/APR/94	12/APR/94	37	12.6	1.32E+04	1	8	65	1.0E-13	3.0E-14	1.2E-14	S1/2 HOT BELT #18083N-6-
11/APR/94	12/APR/94	33	13.8	1.29E+04	2	3	52	1.2E-13	3.5E-15	9.6E-15	S1/2 HOT BELT #18083N-6-
11/APR/94	13/APR/94	67	13.5	2.56E+04	2	6	75	8.3E-14	2.1E-15	6.8E-15	JUNCTION BOX #18083N
11/APR/94	12/APR/94	28	12.8	1.01E+04	2	8	57	1.5E-13	4.8E-15	2.0E-14	JUNCTION BOX #18083N
11/APR/94	13/APR/94	44	12.8	1.59E+04	1	10	76	9.9E-14	2.7E-14	1.1E-14	JUNCTION BOX #18083N
12/APR/94	14/APR/94	63	14.5	2.59E+04	2	8	50	5.0E-14	1.8E-15	7.8E-15	SOUTH SIDE OF S1 #7219
12/APR/94	14/APR/94	137	15.1	5.86E+04	1	11	58	1.9E-14	6.7E-15	3.2E-15	SOUTH SIDE OF S1 #7219
	14/APR/94	63	15.1	2.69E+04	2	8	85	8.8E-14	2.1E-15	7.5E-15	SOUTH SIDE OF S1 #7219
12/APR/94	14/APR/94	97	14.8	4.07E+04	1	11	127	6.9E-14	1.4E-14	4.6E-15	SOUTH SIDE OF S1 #7219
12/APR/94 12/APR/94	14/APR/94	63	14.3	2.55E+04	1	11	537	5.0E-13	4.3E-14	7.3E-15	SOUTH SIDE OF S1 #7219
12/APR/94 12/APR/94	14/APR/94	225	15.0	9.56E+04	1	11	63	1.3E-14	4.2E-15	1.9E-15	S1/2 GATE AREA #1082
12/APR/94	14/APR/94	53	13.8	2.07E+04	2	8	61	7.8E-14	2.4E-15	9.8E-15	S1/2 FEED BELT #7218
12/APR/94	14/APR/94	47	14.0	1.86E+04	1	11	950	1.2E-12	7.8E-14	1.0E-14	S1/2 FEED BELT #7218
12/APR/94 12/APR/94	14/APR/94	32	13.8	1.25E+04	2	8	95	2.1E-13	4.9E-15	1.6E-14	S1/2 FEED BELT #7218
12/APR/94	14/APR/94	58	15.0	2.46E+04	1	11	80	6.7E-14	1.8E-14	7.5E-15	S1/2 FEED BELT #7218
12/APR/94	14/APR/94	56	13.5	2.14E+04	2	8	75	9.6E-14	2.6E-15	9.4E-15	S1/2 FEED BELT #7218
12/APR/94		53	17.0	2.55E+04	2	3	58	6.6E-14	1.8E-15	4.9E-15	CRUSHER GENERATOR #7218
12/APR/94 12/APR/94	13/APR/94	30	17.0	1.44E+04	1	10	78	1.1E-13	3.1E-14	1.2E-14	CRUSHER GENERATOR #7218
IL/MEK/94	13/APR/94	30	17.0	1.445704	,		, 0				

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		Sample	FLOW	Sample		Gross	Gross	Reported		Critical	
Sample	Count	Time	Rate	Volume	Instr	Bkg	Sample	Activity	2 Std	Level	
Date	Date	(min)	(cfm)	(liters)	No.	Cnt	Cnt	(uCi/ml)	Dev.+/-	(uCi/ml)	Sample Area Description
12/APR/94		46	12.6	1.64E+04	1	11	90	1.2E-13	2.9E-14	1.1E-14	\$1/2 HOT BELT #18083N-4-
12/APR/94		47	13.5	1.80E+04	2	8	49	7.0E-14	2.5E-15	1.1E-14	S1/2 HOT BELT #18083N-4-
12/APR/94		55	13.8	2.15E+04	1	11	90	8.8E-14	2.2E-14	8.6E-15	S1/2 HOT BELT #18083N-6-
12/APR/94		40	12.8	1.45E+04	2	8	68	1.3E-13	3.6E-15	1.4E-14	S1/2 HOT BELT #18083N-6-
12/APR/94		32	14.0	1.27E+04	2	8	50	1.0E-13	3.6E-15	1.6E-14	CONTROL PANEL #18083N
13/APR/94		94	14.5	3.86E+04	2	5	28	1.8E-14	8.9E-16	4.1E-15	SOUTH SIDE OF S1 #7219
13/APR/94		131	15.3	5.68E+04	2	5	25	1.1E-14	5.8E-16	2.8E-15	SOUTH SIDE OF S1 #7219
13/APR/94		98	14.7	4.08E+04	2	5	29	1.8E-14	8.6E-16	3.9E-15	SOUTH SIDE OF S1 #7219
13/APR/94		137	15.1	5.86E+04	1	11	58	1.9E-14	6.7E-15	3.2E-15	SOUTH SIDE OF S1 #7219
13/APR/94		278	15.0	1.18E+05	2	8	36	7.3E-15	3.4E-16	1.7E-15	S1/2 GATE AREA #1082
13/APR/94	•	44	14.5	1.81E+04	1	5	39	4.5E-14	1.7E-14	6.9E-15	\$1/2 GATE AREA #1082
13/APR/94		85	15.2	3.66E+04	1	5	36	2.0E-14	8.2E-15	3.4E-15	S1/2 GATE AREA #1082
13/APR/94		31	17.0	1.49E+04	1	5	35	4.8E-14	2.0E-14	8.4E-15	CRUSHER GENERATOR #7218
13/APR/94		28	17.0	1.35E+04	1	5	41	6.4E-14	2.4E-14	9.3E-15	CRUSHER GENERATOR #7218
		43	17.0	2.07E+04	1	5	50	5.2E-14	1.7E-14	6.1E-15	CRUSHER GENERATOR #7218
13/APR/94		39	17.0	1.88E+04	2	5	21	2.6E-14	1.6E-15	8.5E-15	CRUSHER GENERATOR #7218
13/APR/94		43	16.7	2.03E+04	1	5	54	5.8E-14	1.8E-14	6.2E-15	CRUSHER GENERATOR #7218
13/APR/94		30	15.0	1.27E+04	1	11	65	1.0E-13	3.2E-14	1.5E-14	S1/2 FEED BELT #18083N
13/APR/94 13/APR/94		26	14.0	1.03E+04	2	5	30	7.4E-14	3.4E-15	1.6E-14	S1/2 FEED BELT #18083N
14/APR/94	-	48	15.0	2.04E+04	2	6	48	6.3E-14	2.2E-15	8.6E-15	SOUTH SIDE OF S1 #7219
14/APR/94		48	15.1	2.05E+04	1	3	84	9.5E-14	2.1E-14	4.7E-15	SOUTH SIDE OF S1 #7219
14/APR/94		97	14.5	3.98E+04	2	6	30	1.8E-14	9.0E-16	4.4E-15	S1/2 GATE AREA #1082
14/APR/94		48	16.4	2.23E+04	2	6	37	4.3E-14	1.8E-15	7.9E-15	CRUSHER GENERATOR #7218
		44	12.5	1.56E+04	1	3	164	2.5E-13	3.9E-14	6.2E-15	S1/2 FEED BELT #18083N
14/APR/94		41	15.0	1.74E+04	2	3	59	9.9E-14	2.7E-15	7.1E-15	S1/2 FEED BELT #18083N
14/APR/94		37	15.0	1.57E+04	1	3	112	1.7E-13	3.2E-14	6.2E-15	S1/2 FEED BELT #18083N
15/APR/94			15.4		2	6	380	7.3E-13	7.5E-15	1.1E-14	S1/2 FEED BELT #18083N
15/APR/94		36 45	14.8	1.57E+04	2	6	82	1.2E-13	3.0E-15	9.3E-15	SOUTH SIDE OF S1 #7219
15/APR/94				1.89E+04	2	6	79	6.6E-14	1.6E-15	5.2E-15	SOUTH SIDE OF S1 #7219
15/APR/94		80	15.0	3.40E+04	1	3	49	1.4E-14	4.2E-15	1.2E-15	S1/2 GATE AREA #1082
15/APR/94		206	14.0	8.17E+04	2	6	32	5.7E-14	2.6E-15	1.2E-14	CRUSHER GENERATOR #7218
15/APR/94		30	16.5	1.40E+04	1	3	73	1.2E-13	2.9E-14	6.9E-15	CRUSHER GENERATOR #7218
15/APR/94	18/APR/94	30	16.5	1.40E+04	1	3	47	5.4E-14	1.7E-14	4.9E-15	CRUSHER GENERATOR #7218
15/APR/94		42	16.5	1.96E+04		3				5.5E-15	CRUSHER GENERATOR #7218
15/APR/94	18/APR/94	37	16.7	1.75E+04	1		58	7.6E-14	2.1E-14	8.1E-15	SOUTH SIDE OF S1 #7219
18/APR/94	19/APR/94	57	14.5	2.34E+04	2	7 7	24 31	2.2E-14	1.4E-15		SOUTH SIDE OF S1 #7219
18/APR/94	19/APR/94	111	15.3	4.81E+04	2	7		1.5E-14	7.7E-16	3.9E-15	SOUTH SIDE OF S1 #7219
18/APR/94	19/APR/94	207	14.8	8.68E+04	2		47	1.4E-14	5.1E-16	2.2E-15	
18/APR/94		191	15.9	8.60E+04	1	4	56	1.5E-14	4.2E-15	1.3E-15	SOUTH SIDE OF S1 #7219
18/APR/94		574	14.5	2.36E+05	1	4	83	8.1E-15	1.9E-15	4.8E-16	S1/2 GATE AREA #1082
18/APR/94		58	13.8	2.27E+04	1	4	51	5.0E-14	1.5E-14	4.9E-15	S/2 STEPS #7218
18/APR/94		35	13.5	1.34E+04	1	4	49	8.1E-14	2.6E-14	8.4E-15	S/2 STEPS #7218
18/APR/94		63	13.8	2.46E+04	2	7	52	5.6E-14	1.9E-15	7.7E-15	S/2 STEPS #7218
18/APR/94		107	13.8	4.18E+04	2	7	33	1.9E-14	9.1E-16	4.5E-15	S/2 STEPS #7218
18/APR/94		74	13.8	2.89E+04	1	4	54	4.2E-14	1.2E-14	3.9E-15	S/2 STEPS #7218
18/APR/94	19/APR/94	58	15.1	2.48E+04	1	4	44	3.9E-14	1.3E-14	4.5E-15	S/1 STEPS #18083N
18/APR/94	19/APR/94	61	16.0	2.76E+04	2	7	31	2.7E-14	1.3E-15	6.8E-15	S/1 STEPS #18083N
18/APR/94	19/APR/94	64	16.5	2.99E+04	1	4	53	3.9E-14	1.2E-14	3.7E-15	S/1 STEPS #18083N
18/APR/94	19/APR/94	31	15.0	1.32E+04	2	7	36	6.7E-14	3.0E-15	1.4E-14	S/1 STEPS #18083N
19/APR/94	20/APR/94	184	14.7	7.66E+04	2	6	43	1.5E-14	5.5E-16	2.3E-15	SOUTH SIDE OF S1 #7219
19/APR/94	20/APR/94	126	14.5	5.17E+04	2	6	40	2.0E-14	7.9E-16	3.4E-15	SOUTH SIDE OF S1 #7219
19/APR/94	20/APR/94	141	14.8	5.91E+04	1	5	42	1.5E-14	5.5E-15	2.1E-15	SOUTH SIDE OF S1 #7219
19/APR/94	20/APR/94	341	14.5	1.40E+05	2	6	42	7.9E-15	3.0E-16	1.3E-15	S1/2 GATE AREA #1082

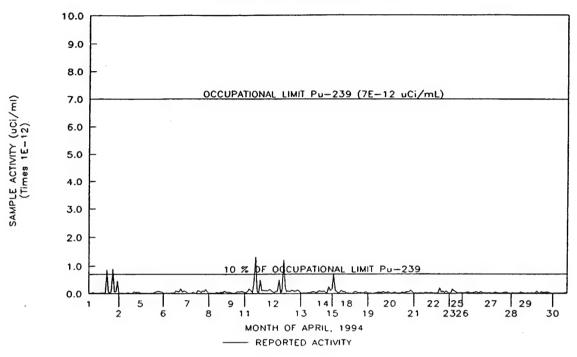
		Sample	Flow	Sample		Gross		Reported		Critical	
Sample	Count	Time	Rate	Volume	Instr	Bkg	Sample	Activity	2 Std	Level	
Date	Date	(min)	(cfm)	(liters)	No.	Cnt	Cnt	(uCi/ml)	Dev.+/-	(uCi/ml)	Sample Area Description
40/100/04	20 (400 (0)	222	15.0	9.43E+04	2	6	35	9.4E-15	4.1E-16	1.9E-15	S1/2 GATE AREA #1082
19/APR/94			13.8	2.93E+04	1	5	45	3.3E-14	1.1E-14	4.3E-15	S/2 STEPS #7218
19/APR/94		75			1	5	60	3.6E-14	1.0E-14	3.4E-15	S/2 STEPS #7218
19/APR/94		95	13.8	3.71E+04			46	4.7E-14	1.6E-14	5.9E-15	S/2 STEPS #7218
19/APR/94		54	13.8	2.11E+04	1	5			1.2E-14	4.5E-15	S/2 STEPS #7218
19/APR/94		72	13.6	2.77E+04	1	5	49	3.8E-14	9.9E-15	3.0E-15	S/2 STEPS #7218
19/APR/94		108	13.8	4.22E+04	1	5	74	3.9E-14			S/1 STEPS #18083N
19/APR/94		32	15.5	1.40E+04	2	6	37	6.8E-14	2.8E-15	1.2E-14	S/1 STEPS #18083N
19/APR/94		68	16.0	3.08E+04	2	6	36	3.0E-14	1.3E-15	5.7E-15	
19/APR/94	20/APR/94	56	15.5	2.46E+04	2	6	33	3.4E-14	1.5E-15	7.1E-15	S/1 STEPS #18083N
19/APR/94	20/APR/94	52	15.5	2.28E+04	1	5	60	5.8E-14	1.7E-14	5.5E-15	S/1 STEPS #18083N
20/APR/94	21/APR/94	186	15.3	8.06E+04	1	4	56	1.6E-14	4.5E-15	1.4E-15	SOUTH SIDE OF S1 #7219
20/APR/94	21/APR/94	193	14.8	8.09E+04	1	4	53	1.5E-14	4.4E-15	1.4E-15	SOUTH SIDE OF \$1 #7219
20/APR/94	21/APR/94	163	14.5	6.69E+04	2	5	40	1.6E-14	6.0E-16	2.4E-15	SOUTH SIDE OF \$1 #7219
20/APR/94	22/APR/94	86	15.6	3.80E+04	2	2	66	5.2E-14	1.3E-15	2.7E-15	SOUTH SIDE OF \$1 #7219
20/APR/94	21/APR/94	180	14.5	7.39E+04	1	4	49	1.5E-14	4.6E-15	1.5E-15	S1/2 GATE AREA #1082
20/APR/94	21/APR/94	182	14.5	7.47E+04	2	5	43	1.6E-14	5.6E-16	2.1E-15	S1/2 GATE AREA #1082
20/APR/94	21/APR/94	185	13.5	7.07E+04	2	5	32	1.2E-14	5.2E-16	2.3E-15	S/2 STEPS #7218
20/APR/94	21/APR/94	135	13.8	5.28E+04	2	5	38	1.9E-14	7.5E-16	3.0E-15	S/2 STEPS #7218
	21/APR/94	58	13.8	2.27E+04	1	4	58	5.7E-14	1.6E-14	4.9E-15	S/2 STEPS #7218
20/APR/94	21/APR/94 22/APR/94	164	13.8	6.41E+04	1	9	49	1.5E-14	5.6E-15	2.6E-15	S/2 STEPS #7218
20/APR/94			15.0	2.42E+04	2	7	52	5.7E-14	1.9E-15	7.8E-15	S/1 STEPS #18083N
20/APR/94	22/APR/94	57	15.5	2.42E+04 2.37E+04	2	5	45	5.2E-14	1.8E-15	6.7E-15	S/1 STEPS #18083N
20/APR/94	21/APR/94	54			1	4	46	5.3E-14	1.8E-14	5.9E-15	S/1 STEPS #18083N
20/APR/94	21/APR/94	43	15.5	1.89E+04	2	5	119	1.2E-13	2.3E-15	5.6E-15	S/1 STEPS #18083N
20/APR/94	21/APR/94	67	15.0	2.85E+04		4	55	5.5E-14	1.6E-14	5.0E-15	S/1 STEPS #18083N
20/APR/94	21/APR/94	51	15.5	2.24E+04	1					2.1E-15	SOUTH SIDE OF S1 #7219
21/APR/94	23/APR/94	228	14.7	9.49E+04	2	8	41	1.1E-14	4.4E-16	2.2E-15	SOUTH SIDE OF S1 #7219
21/APR/94	23/APR/94	173	14.7	7.20E+04	1	8	58	1.78-14	5.3E-15	2.7E-15	SOUTH SIDE OF S1 #7219
21/APR/94	23/APR/94	177	14.7	7.37E+04	2	8	30	9.1E-15	5.0E-16		\$1/2 GATE AREA #1082
21/APR/94	23/APR/94	275	14.5	1.13E+05	2	8	27	5.2E-15	3.1E-16	1.8E-15	
21/APR/94	22/APR/94	143	14.5	5.87E+04	2	7	37	1.6E-14	6.8E-16	3.2E-15	S1/2 GATE AREA #1082
21/APR/94	23/APR/94	168	13.5	6.42E+04	1	8	37	1.1E-14	4.9E-15	2.5E-15	S/2 STEPS #7218
21/APR/94	22/APR/94	256	13.2	9.57E+04	1	9	56	1.2E-14	4.0E-15	1.8E-15	S/2 STEPS #7218
21/APR/94	22/APR/94	98	13.8	3.83E+04	1	9	70	3.8E-14	1.1E-14	4.4E-15	S/2 STEPS #7218
21/APR/94	23/APR/94	42	15.5	1.84E+04	1	8	42	4.4E-14	1.8E-14	8.6E-15	S/1 STEPS #18083N
21/APR/94	23/APR/94	112	15.5	4.92E+04	2	8	30	1.4E-14	7.5E-16	4.1E-15	S/1 STEPS #18083N
21/APR/94	23/APR/94	73	15.1	3.12E+04	1	8	55	3.6E-14	1.2E-14	5.1E-15	S/1 STEPS #18083N
21/APR/94	23/APR/94	55	15.5	2.41E+04	2	8	39	3.9E-14	1.7E-15	8.4E-15	S/1 STEPS #18083N
22/APR/94	25/APR/94	190	15.6	8.39E+04	2	5	30	9.1E-15	4.2E-16	1.9E-15	SOUTH SIDE OF S1 #7219
22/APR/94	26/APR/94	162	14.8	6.79E+04	2	2	35	1.5E-14	5.4E-16	1.5E-15	SOUTH SIDE OF S1 #7219
22/APR/94	26/APR/94	157	13.8	6.14E+04	1	4	39	1.4E-14	5.0E-15	1.8E-15	S/2 STEPS #7218
22/APR/94	23/APR/94	189	13.5	7.23E+04	1	8	60	1.7E-14	5.4E-15	2.2E-15	S/2 STEPS #7218
22/APR/94	25/APR/94	88	13.3	3.31E+04	1	4	289	2.1E-13	2.4E-14	3.4E-15	S/2 STEPS #7218
22/APR/94	26/APR/94	46	15.5	2.02E+04	1	4	41	4.4E-14	1.6E-14	5.6E-15	S1/2 SFB ROPE #18083N
22/APR/94	26/APR/94	35	15.6	1.55E+04	1	4	59	8.5E-14	2.4E-14	7.3E-15	S1/2 SFB ROPE #18083N
22/APR/94	26/APR/94	56	15.1	2.39E+04	2	2	25	2.9E-14	1.3E-15	4.2E-15	S1/2 SFB ROPE #18083N
				1.31E+04	1	4	54	9.2E-14	2.7E-14	8.6E-15	S1/2 SFB ROPE #18083N
22/APR/94	25/APR/94	30	15.4						1.6E-15	6.7E-15	S1/2 SFB ROPE #18083N
22/APR/94	25/APR/94	53	15.9	2.39E+04	2	5	36 37	4.0E-14			SOUTH SIDE OF S1 #7219
23/APR/94	26/APR/94	179	15.2	7.71E+04	2	2	37	1.4E-14	4.9E-16	1.3E-15	
23/APR/94	26/APR/94	137	14.0	5.43E+04	1	4	56	2.3E-14	6.7E-15	2.1E-15	S/2 STEPS #7218
23/APR/94	26/APR/94	30	15.0	1.27E+04	1	4	85	1.5E-13	3.5E-14	8.8E-15	\$1/2 SFB ROPE #18083N
23/APR/94	26/APR/94	29	15.5	1.27E+04	1	4	59	1.0E-13	2.9E-14	8.8E-15	S1/2 SFB ROPE #18083N
23/APR/94	26/APR/94	35	15.0	1.49E+04	2	2	27	5.2E-14	2.2E-15	6.8E-15	S1/2 SFB ROPE #18083N

		Sample	Flow	Sample		Gross	Gross	Reported		Critical	
Cample	Count	Time	Rate	Volume	Instr	Bkg	Sample	Activity	2 Std	Level	
Sample Date	Date	(min)	(cfm)	(liters)	No.	Cnt	Cnt	(uCi/ml)	Dev.+/-	(uCi/ml)	Sample Area Description
Date											
25/APR/94	26/APR/94	90	13.5	3.44E+04	2	2	35	2.9E-14	1.1E-15	2.9E-15	S/2 STEPS #7218
25/APR/94	27/APR/94	92	16.0	4.17E+04	1	6	45	2.2E-14	8.1E-15	3.3E-15	SOUTH SIDE OF S1 #7219
25/APR/94	27/APR/94	78	15.0	3.31E+04	2	6	36	2.8E-14	1.2E-15	5.3E-15	S/1 STEPS #18083N
26/APR/94	27/APR/94	88	15.0	3.74E+04	2	6	33	2.2E-14	1.0E-15	4.7E-15	SOUTH SIDE OF S1 #7219
26/APR/94	27/APR/94	104	15.1	4.45E+04	1	6	54	2.6E-14	8.2E-15	3.1E-15	SOUTH SIDE OF S1 #7219
26/APR/94	27/APR/94	74	15.1	3.16E+04	2	6	25	1.8E-14	1.1E-15	5.5E-15	SOUTH SIDE OF S1 #7219
26/APR/94	27/APR/94	39	17.4	1.92E+04	2	6	33	4.3E-14	2.0E-15	9.1E-15	SOUTH SIDE OF S1 #7219
26/APR/94	28/APR/94	69	14.8	2.89E+04	1	5	60	4.6E-14	1.3E-14	4.3E-15	SOUTH SIDE OF S1 #7219
26/APR/94	28/APR/94	114	17.0	5.49E+04	1	5	62	2.5E-14	7.0E-15	2.3E-15	SOUTH SIDE OF S1 #7219
26/APR/94	27/APR/94	195	13.6	7.51E+04	1	6	61	1.8E-14	5.1E-15	1.8E-15	S/2 STEPS #7218
26/APR/94	27/APR/94	73	13.3	2.75E+04	2	6	35	3.2E-14	1.4E-15	6.4E-15	S/2 STEPS #7218
26/APR/94	27/APR/94	71	13.6	2.73E+04	1	6	56	4.4E-14	1.4E-14	5.0E-15	S/2 STEPS #7218
26/APR/94	28/APR/94	51	12.5	1.81E+04	1	5	49	5.9E-14	1.9E-14	6.9E-15	S/2 STEPS #7218
26/APR/94	28/APR/94	131	13.4	4.97E+04	2	6	50	2.7E-14	9.0E-16	3.5E-15	S/2 STEPS #7218
26/APR/94	27/APR/94	52	14.8	2.18E+04	1	6	44	4.2E-14	1.5E-14	6.3E-15	S/1 STEPS #18083N
26/APR/94	27/APR/94	35	16.4	1.63E+04	2	6	37	5.8E-14	2.4E-15	1.1E-14	S/1 STEPS #18083N
26/APR/94	27/APR/94	36	16.0	1.63E+04	2	6	16	1.9E-14	1.7E-15	1.1E-14	S/1 STEPS #18083N
26/APR/94	27/APR/94	52	15.1	2.22E+04	1	6	35	3.1E-14	1.4E-14	6.2E-15	S/1 STEPS #18083N
26/APR/94	27/APR/94	74	15.0	3.14E+04	1	6	37	2.4E-14	9.8E-15	4.4E-15	S/1 STEPS #18083N
26/APR/94	28/APR/94	60	15.5	2.63E+04	2	6	22	1.9E-14	1.2E-15	6.7E-15	S/1 STEPS #18083N
26/APR/94	28/APR/94	63	15.5	2.77E+04	2	6	33	3.0E-14	1.4E-15	6.3E-15	S/1 STEPS #18083N
27/APR/94	28/APR/94	102	15.2	4.39E+04	2	6	39	2.3E-14	9.2E-16	4.0E-15	SOUTH SIDE OF S1 #7219
27/APR/94	28/APR/94	99	15.1	4.23E+04	2	6	33	2.0E-14	8.9E-16	4.1E-15	SOUTH SIDE OF \$1 #7219
27/APR/94	29/APR/94	72	16.2	3.30E+04	1	7	42	2.5E-14	1.0E-14	4.5E-15	SOUTH SIDE OF S1 #7219
27/APR/94	29/APR/94	223	15.1	9.54E+04	1	7	189	4.6E-14	6.9E-15	1.6E-15	SOUTH SIDE OF S1 #7219
27/APR/94	28/APR/94	99	13.8	3.87E+04	- 1	5	64	3.7E-14	1.0E-14	3.2E-15	S/2 STEPS #7218
27/APR/94	28/APR/94	103	12.9	3.76E+04	2	6	37	2.5E-14	1.0E-15	4.7E-15	S/2 STEPS #7218
27/APR/94	28/APR/94	80	14.8	3.35E+04	1	5	31	1.9E-14	8.4E-15	3.7E-15	S/2 STEPS #7218
27/APR/94	29/APR/94	173	13.5	6.61E+04	1	7	46	1.4E-14	5.2E-15	2.2E-15	S/2 STEPS #7218
27/APR/94	28/APR/94	53	15.5	2.33E+04	1	5	47	4.3E-14	1.5E-14	5.4E-15	S1/2 HOT BELT #18083N-6-
27/APR/94	28/APR/94	51	15.5	2.24E+04	2	6	37	4.2E-14	1.8E-15	7.8E-15	S1/2 HOT BELT #18083N-6-
27/APR/94	28/APR/94	44	15.5	1.93E+04	1	5	51	5.7E-14	1.8E-14	6.5E-15	S1/2 HOT BELT #18083N-6-
27/APR/94	29/APR/94	69	16.0	3.13E+04	2	5	28	2.3E-14	1.1E-15	5.1E-15	S1/2 HOT BELT #18083N-6-
27/APR/94	29/APR/94	65	16.0	2.95E+04	2	5	18	1.4E-14	9.8E-16	5.4E-15	S1/2 HOT BELT #18083N-6-
28/APR/94	29/APR/94	107	15.1	4.58E+04	2	5	21	1.1E-14	6.7E-16	3.5E-15	SOUTH SIDE OF S1 #7219
28/APR/94	29/APR/94	78	16.0	3.53E+04	1	7	49	2.9E-14	1.0E-14	4.2E-15	SOUTH SIDE OF S1 #7219
28/APR/94	29/APR/94	240	16.1	1.09E+05	1	7	78	1.6E-14	4.0E-15	1.4E-15	SOUTH SIDE OF S1 #7219
28/APR/94	29/APR/94	110	14.0	4.36E+04	1	7	42	1.9E-14	7.6E-15	3.4E-15	S/2 STEPS #7218
28/APR/94	29/APR/94	76	14.5	3.12E+04	2	5	28	2.3E-14	1.1E-15	5.1E-15	S/2 STEPS #7218
28/APR/94	29/APR/94	241	14.5	9.90E+04	2	5	38	1.0E-14	4.0E-16	1.6E-15	S/2 STEPS #7218
28/APR/94	29/APR/94	31	15.5	1.36E+04	1	7	33	4.6E-14	2.2E-14	1.1E-14	S1/2 HOT BELT #18083N-6-
28/APR/94	29/APR/94	73	16.3	3.37E+04	2	5	36	2.8E-14	1.1E-15	4.7E-15	S1/2 HOT BELT #18083N-6-
28/APR/94	29/APR/94	70	19.0	3.77E+04	2	5	26	1.7E-14	8.9E-16	4.2E-15	S1/2 HOT BELT #18083N-6-
29/APR/94	30/APR/94	95	16.5	4.44E+04	2	4	26	1.5E-14	7.4E-16	3.2E-15	SOUTH SIDE OF S1 #7219
29/APR/94	30/APR/94	86	16.2	3.95E+04	1	6	45	2.4E-14	8.5E-15	3.5E-15	SOUTH SIDE OF S1 #7219
29/APR/94	30/APR/94	41	16.1	1.87E+04	2	4	24	3.3E-14	1.7E-15	7.6E-15	SOUTH SIDE OF S1 #7219
29/APR/94	30/APR/94	177	15.6	7.82E+04	2	4	33	1.1E-14	4.7E-16	1.8E-15	SOUTH SIDE OF S1 #7219
29/APR/94	30/APR/94	86	15.0	3.65E+04	1	6	48	2.8E-14	9.5E-15	3.8E-15	SOUTH SIDE OF S1 #7219
29/APR/94	30/APR/94	93	14.5	3.82E+04	1	6	26	1.3E-14	7.0E-15	3.6E-15	S/2 STEPS #7218
29/APR/94	30/APR/94	83	14.0	3.29E+04	2	4	28	2.2E-14	1.0E-15	4.3E-15	S/2 STEPS #7218
29/APR/94	30/APR/94	43	14.3	1.74E+04	1	6	65	8.1E-14	2.3E-14	7.9E-15	S/2 STEPS #7218
29/APR/94	30/APR/94	164	13.9	6.46E+04	1	6	60	2.0E-14	5.9E-15	2.1E-15	S/2 STEPS #7218
27/7/ N/74	20/ AI K/ 74	104	1.5.7	5.402.04	'	U	00	2.02-14	J. FL. 13	E. IL. 13	3/L 31LF3 #/210

Sample Date	Count Date	Sample Time (min)	Flow Rate (cfm)	Sample Volume (liters)	Instr No.	Gross Bkg Cnt	Gross Sample Cnt	Reported Activity (uCi/ml)	2 Std Dev.+/-	Critical Level (uCi/ml)	Sample Area Description
29/APR/94	30/APR/94	93	14.6	3.85E+04	2	4	27	1.8E-14	8.7E-16	3.7E-15	S/2 STEPS #7218
29/APR/94	30/APR/94	57	15.4	2.49E+04	1	6	72	6.4E-14	1.7E-14	5.5E-15	S1/2 HOT BELT #18083N-4-
29/APR/94	30/APR/94	31	17.2	1.51E+04	1	6	29	3.7E-14	1.8E-14	9.1E-15	S1/2 HOT BELT #18083N-4-
29/APR/94	30/APR/94	46	13.8	1.80E+04	1	6	38	4.3E-14	1.7E-14	7.6E-15	S1/2 HOT BELT #18083N-4-
29/APR/94	30/APR/94	33	17.5	1.64E+04	2	4	25	3.9E-14	2.0E-15	8.7E-15	S1/2 HOT BELT #18083N-4-
29/APR/94	30/APR/94	51	18.4	2.66E+04	1	6	66	5.4E-14	1.5E-14	5.2E-15	S1/2 HOT BELT #18083N-4-
29/APR/94	30/APR/94	49	18.1	2.51E+04	2	4	36	3.9E-14	1.5E-15	5.7E-15	S1/2 HOT BELT #18083N-4-
29/APR/94	30/APR/94	72	17.9	3.65E+04	1	6	35	1.9E-14	8.3E-15	3.8E-15	\$1/2 HOT BELT #18083N-4-
30/APR/94	02/MAY/94	118	16.2	5.41E+04	2	3	25	1.2E-14	5.9E-16	2.3E-15	SOUTH SIDE OF S1 #7219
30/APR/94	30/APR/94	181	16.2	8.30E+04	2	4	51	1.7E-14	5.4E-16	1.7E-15	SOUTH SIDE OF S1 #7219
30/APR/94	02/MAY/94	82	15.9	3.69E+04	2	3	33	2.5E-14	9.8E-16	3.4E-15	SOUTH SIDE OF S1 #7219
30/APR/94	02/MAY/94	117	13.9	4.61E+04	1	9	55	2.4E-14	8.2E-15	3.7E-15	S/2 STEPS #7218
30/APR/94	02/HAY/94	182	13.8	7.11E+04	1	9	46	1.2E-14	4.9E-15	2.4E-15	S/2 STEPS #7218
30/APR/94	02/MAY/94	83	13.8	3.24E+04	1	9	44	2.6E-14	1.1E-14	5.2E-15	S/2 STEPS #7218
30/APR/94	02/MAY/94	61	18.1	3.13E+04	2	3	28	2.5E-14	1.1E-15	4.0E-15	S1/2 HOT BELT #18083N-4-
30/APR/94	02/MAY/94	64	18.3	3.32E+04	1	9	46	2.7E-14	1.1E-14	5.1E-15	S1/2 HOT BELT #18083N-4-
30/APR/94	02/MAY/94	57	17.5	2.82E+04	2	3	37	3.7E-14	1.3E-15	4.4E-15	S1/2 HOT BELT #18083N-4-
30/APR/94	02/MAY/94	51	18.1	2.61E+04	1	9	60	4.7E-14	1.5E-14	6.4E-15	S1/2 HOT BELT #18083N-4-

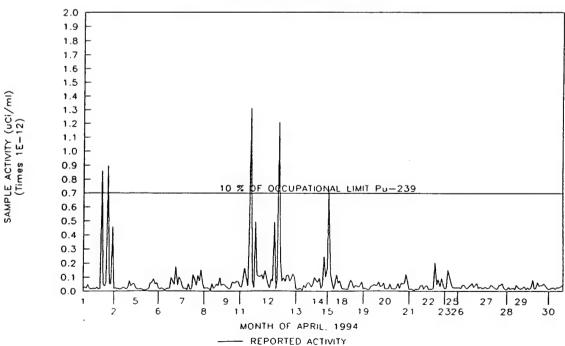
JA PLUTONIUM SITE

GROSS ALPHA RADIOACTIVITY IN AIR



## JA PLUTONIUM SITE

GROSS ALPHA RADIOACTIVITY IN AIR



# Appendix C

Soil Production Data

File JLOGSUM5.WR1

WS3	(ton)																																		158	
SORT	(sec)	382	348	585	432	265	458	797	201	1321	52	ĸ	20	51	77	70	54	57	22	34	52	48	82	10	12	∞	13	87	88	\$	34	57	23	54	33	7
REC	(#)	2.406	7,584	7,425	7,526	4,292	6,128	4,883	3,958	2,224	6,231	4,736	5,314	5,413	5,479	5,548	1,422	5,029	5,745	4,801	5,306	3,649	2,829	11,178	11,467	15,104	10,144	777 7	2,153	6,210	4,289	6,926	7,397	5,502	6,207	16,552
VOL	(cy)	305	306	312	312	184	256	198	155	%	132	153	153	155	150	144	42	104	112	115	152	103	76	124	149	136	141	149	ĸ	142	106	140	143	112	152	139
PRO	83	16	91	8	16	54	4	29	93	58	8	8	91	95	88	98	92	29	29	69	16	61	59	7.	86	81	<b>%</b>	86	95	85	32	83	82	29	16	83
USE	દે	93	93	8	83	2,	78	82	76	8	83	2	93	%	8	8	7.4	87	69	2	93	63	8	92	85	83	82	8	87	82	29	83	8	85	92	88
RUN	(hr)	9.6	9.6	9.8	9.8	5.7	8.0	6.2	9.7	6.0	8.3	9.6	9.6	7.6	4.6	9.0	2.6	6.5	7.0	7.2	9.5	9.4	5.9	7.8	9.3	8.5	8.9	4.6	4.6	8.9	3.3	89	9.0	7.0	9.5	8.7
NO	(hr)	0.3	7.0	0.5	7.0	0.5	1.0	7.0	0.3	0.3	9.0	0.3	7.0	7.0	7.0	7.0	7.0	0.3	9.0	0.3	7.0	7.0	0.2	0.3	0.1	0.4	0.4	0.3	7.0	0.3	0.3	7.0	0.2	0.3	0.2	0.3
å	(hr)	0.3	0.3	0.5	0.3	9.0	8.0	7.0	0.3	7.0	0.5	9.0	0.3	0.2	9.0	0.8	0.5	7.0	6.0	1.2	0.3	3.2	7.0	0.5	0.3	0.5	9.0	9.0	0.3	0.7	1.0	9.0	0.2	0.2	0.1	0.3
SA	(Bq/kg)	63	29	58	61	89	۶	51	29	67	24	29	124	116	129	139	118	185	258	196	127	121	78	127	233	216	227	62	119	137	146	62	28	8	72	144
AC	(MBq)	24.2	25.9	23.0	23.7	16.8	24.2	15.2	11.5	5.9	10.3	12.8	23.6	22.5	24.0	24.9	6.1	19.0	30.2	27.2	24.2	15.5	9.5	11.3	29.6	17.6	25.8	13.0	10.4	16.7	18.5	7.9	8.3	11.2	12.3	9.0
AH	(MBq)	6.3	7.1	7.9	12.3	5.8	4.8	4.0	4.0	9.0	29.0	7.5	13.7	13.1	19.2	13.4	3.1	55.7	47.6	39.8	18.3	11.2	4.9	122.2	109.8	153.9	87.6	22.7	5.3	57.5	30.2	56.2	58.3	9.04	6.04	226.0
AP	(MBq)	8.6	12.6	15.4	30.4	6.2	9.4	7.7	8.4	7.0	54.8	24.0	41.7	8.07	58.5	39.7	10.0	124.8	78.2	122.3	24.4	35.0	19.8	184.4	188.2	216.2	110.6	33.3	8.5	4.49	23.8	26.7	72.9	64.2	72.6	319.0
ž	ર	99.3	8.5	9.6	%	% %	% 7.	9.6	9.6	8.8	89.5	8.5	98.9	8.5	98.9	98.5	8.3	78.4	83.0	95.7	98.8	°.	9.6	56.8	67.8	47.2	63.7	87.0	95.2	67.3	74.4	71.8	78.7	80.5	89.2	23.4
CLEAN	(ton)	382.50	384.68	392.59	391.95	230.07	321.62	248.62	194.78	121.48	148.60	191.59	190.39	193.67	186.62	178.60	52.02	102.91	117.63	139.10	189.74	128.09	117.48	88.76	127.00	81.18	113.47	163.96	87.67	120.50	8.7	126.71	141.88	114.13	170.92	41.08
HOT	(ton)	2.88	1.88	1.63	<b>1.</b>	1.60	1.88	0.91	0.87	0.21	17.46	8.0	2.08	7.6	2.16	5.69	0.35	28.30	24.05	6.31	2.33	1.32	0.53	67.56	60.45	90.66	64.68	24.54	4.40	58.46	34.33	19.65	38.35	27.69	50.66	134.45
DATE SORTERS		07-Feb S1234	08-Feb S1234	09-Feb S1234	10-Feb S1234		15-Feb S1234	17-Feb S1234	18-Feb S12	19-Feb S12		28-Feb S12	01-Mar S12		03-Mar S12	04-Man S12			15-Mar S12														01-Apr S12			06-Apr S12
DAY		300	301 0	_	•	•																_										_				334 (

JA SOIL CLEANUP PLANT LOG OVERALL SUMMARY REPORT--COMBINED SORTERS

# JA SOIL CLEANUP PLANT LOG OVERALL SUMMARY REPORT--COMBINED SORTERS

DAT	DAIE SOKIEKS	201	CLEAN	ž		A	A.	¥0	è	Š	Š	S	YK.	VOL	REC	SORT	HS3
		(ton)	(ton)	ર	(MBq)	(MBq)	(MBq)	(Bq/kg)	(hr)	(hr)	(hr.)	દે	(%	(cy)	#	(sec)	(ton)
335	07-Apr S12	161.36	17.13	9.6	319.9	282.3	(0.0)	9	0.1	0.3	8.9	83	*	141	18,486	•	•
336	08-Apr S12	80.74	100.85	55.5	128.9	92.6	22.0	218	7.0	0.3	9.0	87	88	144	11,812	=	102
337	09-Apr S12	58.08	71.19	55.1	118.1	80.1	16.0	554	0.2	0.2	4.9	16	\$	102	10, 128	80	27
338	11-Apr S12	83.54	50.25	37.5	137.6	97.6	10.4	210	0.3	0.1	9.9	7	%	106	10,217	æ	48
339	12-Apr S12	81.73	15.88	16.3	7.76	81.3	3.8	227	0.2	4.0	6.4	1	84	1	7,846	æ	15
340	13-Apr S12	14.35	141.90	8.06	25.6	18.7	24.5	173	7.0	0.2	7.8	92	7.	124	5,174	30	140
341	14-Apr S12	37.45	10.45	21.8	85.5	53.0	3.1	273	0.3	0.2	5.4	٤	54	38	4,525	^	=
345	15-Apr S12	47.05	17.68	27.3	60.2	49.3	4.2	192	7.0	0.2	3.2	7.4	32	51	5,212	60	17
343	16-Apr S12	117.87	31.67	21.2	208.7	151.2	9.4	126	0.3	0.2	7.4	88	7	119	10,885	٥	23
344	18-Apr S12	92.51	65.76	50.6	159.5	121.9	24.3	257	0.5	0.3	9.3	8	89	148	11,022	12	100
345	19-Apr S12	166.89	16.08	8.8	434.2	291.5	7.0	€	0.3	0.3	9.1	83	87	145	19,778	9	∞
346	20-Apr S12	160.63	26.64	14.2	192.1	168.9	7.5	258	0.3	0.3	9.3	2	89	148	12,305	Ξ	25
347	21-Apr S12	76.82	111.57	59.2	122.4	86.8	31.8	282	0.3	0.2	4.6	93	89	149	10,182	14	102
348	22-Apr S12	115.26	48.98	29.8	149.6	128.9	14.1	283	7.0	0.2	8.2	82	82	130	11,683	5	39
349	23-Apr S12	51.56	39.67	43.5	103.0	70.0	10.2	254	7.0	0.3	4.5	62	45	22	5,984	Ξ	35
350	25-Apr S12	57.27	3.34	5.5	115.3	7.06	7.0	117	0.2	0.3	3.0	8	13	87	6,779	9	2
351	26-Apr S12	80.90	91.00	52.9	143.0	114.1	6.5	22	0.2	0.3	8.5	88	82	136	10,860	12	80
352	27-Apr S12	62.77	103.20	62.2	166.7	104.2	12.7	123	0.3	0.3	8.2	87	82	132	8,799	5	91
353	28-Apr S12	42.10	126.94	۲.	76.9	54.1	14.4	113	0.2	0.3	8.4	87	78	134	6,386	52	118
354	29-Apr S1234	124.38	206.29	62.4	270.1	188.4	32.8	186	0.3	0.3	8.2	\$	82	292	16,910	41	41
355	30-Apr S1234	69.05	185.05	72.8	140.7	9.96	32.0	186	0.3	0.3	6.3	<b>∞</b>	63	201	11,007	27	9
TOTAL	_	2,562	7,592		5,472	3,767	884							8,049	436,481		5,296
DAY/	DAY/WK AVG	45.75	136	8.69				138	0.5	0.3	7.6	82	r			108	
NC MB	NUMB DAYS/WKS	26	26	26	26	26	26	26	26	26	26	28	26	26	26	26	26
TOTAL	_	2,562	7,592														
GRAN	GRAND TOTAL		10,154														
HOT	HOT SOIL/WEEK		2,562.01														
CLEA	CLEAN SOIL/WEEK		7,592.01 10	10154.													
110 V 11EEV																	

Date			07-Apr	08-Apr	09-Apr	11-Apr	12-Apr	13-Apr	14-Apr	15-Apr	16-Apr	18-Apr	19-Apr	20-Apr	21-Apr	22-Apr	23-Apr	25-Apr	26-Apr	27-Apr	28-Apr	29-Apr	30-Apr	TOTAL	DAY/WK AVG	12 NUMB DAYS/WKS
۲,	NS2	(ton)			928.47						735.95						1090.26						899.19	0 251	122	12 N
WEEKLY	÷	(ton)			856.47						649.80						1001.36						1152.28	10, 154	846	12
AVL	(hr)		٥	10	~	^	2	٥	m	4	80	5	5	6	9	٥	10	4	٥	٥	٥	٥	^	2.7	8.4	26
OVR	8		28	22	14	12	5	7	15	36	92	-	54	56	20	22	8	22	28	28	30	7	17		56	26
H+C-WS2	(ton)		(8)	(35)	(22)	(35)	(56)	5	(13)	Ŋ	(10)	(48)	(14)	(23)	2	(4)	3	9	(4)	£	(4)	150	118	786		26
H+0	(ton)		178	182	129	134	86	156	87	65	150	187	183	187	88	16	6	61	17	166	169	331	254	10, 154		26
OVR	(ton)		22	62	54	23	22	13	=	33	26	2	\$	ĸ	95	48	20	52	83	65	ኤ	۳.	56	3,373		26
WS8	(ton)		22	24	58	36	0	0	37	0	0	0	0	0	0	0	0	36	69	34	16	126	11	596		26
NS7	(ton)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		22
MS6	(ton)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	147	107	1,174		28
ASS	(ton)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	150	112	1,198		26
NS4	(ton)		181	26	2	109	105	19	48	62	134	106	185	185	2	127	26	\$	91	69	48	138	2	3,177		26
NS2	(ton)		187	214	151	36	123	167	61	29	160	235	197	210	186	168	76	8	5	168	173	181	136	9,251		26
WS1	(ton)		259	276	5	189	145	180	7	93	216	237	260	285	232	217	114	93	243	231	248	178	165	12,637		26

Date			07-Feb	08-Feb	09-Feb	10-Feb	14-Feb	15-Feb	17-Feb	18-Feb	19-Feb	26-Feb	28-Feb	01-Mar	02-Mar	03-Mar	04-Mar	05-Mar	11-Mar	15-Mar	16-Mar	17-Mar	18-Mar	19-Mar	21-Mar	22-Mar	23-Mar	24-Mar	25-Mar	26-Mar	28-Mar	30-Mar	31-Man	01-Apr	02-Apr	05-Apr	06-Apr
LY.	MS2	(ton)				808.70					885.79	169.17						1085.07	149.50					809.91						995.45					693.29		
WEEKLY	¥+C	(ton)				1559.85					1122.05	166.06						1002.80	131.20					726.58						974.32					811.42		
AVL	(hr)		10.2	10.3	10.8	10.5	6.9	9.8	6.9	10.3	6.8	9.3	10	10	9	5	5	7	7	∞	٥	10	10	7	•	5	٥	9	9	Ŋ	10	'n	9	٥	œ	10	0
OVR	8		32	3	3	31	31	33	32	22	∞	28	62	22	62	32	28	28	32	41	27	32	53	31	53	27	30	36	36	36	33	53	53	62	53	82	3
H+C-WS2	(ton)		<b>18</b> 4	190	195	182	8	119	34	(13)	(4)	3	(14)	(52)	£	9)	(21)	(9)	(18)	(19)	(71)	27	9	(40)	(32)	2	(12)	(6)	95	€	7	9	7	12	2	2	(9)
H+C	(ton)		385	387	364	394	232	324	250	196	122	166	193	192	195	189	181	25	131	142	145	192	129	118	156	187	172	178	88	92	13	134	176	180	142	192	176
OVR	(ton)		96	8	6	%	29	103	101	9	=	8	*	18	8	85	11	22	2	114	80	89	51	2	4	29	4	104	25	25	\$	17	69	69	28	92	80
MS8	(ton)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NS7	(ton)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NS6	(ton)		161	156	160	158	ድ	104	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0
HS5	(ton)		160	155	160	156	80	105	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83	0	0	0	0	0
NS4	(ton)		m	2	2	m	-	7	2	2	-	19	m	m	4	4	40	-	35	289	œ	4	m	-	ĸ	8	104	22	27	2	29	19	54	43	31	54	153
MS2	(ton)		201	197	8	212	13	<b>50</b>	215	208	2	169	<b>50</b>	217	506	8	202	28	150	161	165	216	145	124	158	191	\$	<b>3</b> 8	88	93	172	43	169	83	140	8	8
WS1	(ton)		262	283	290	308	192	307	316	569	136	236	230	<b>%</b>	290	287	279	80	219	274	238	596	213	175	228	268	549	261	292	145	257	61	238	238	196	263	261

### WORK HISTORY - JA SOIL CLEANUP PLANT

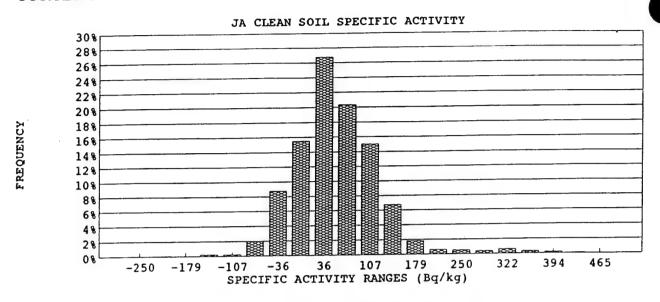
07-Feb-94

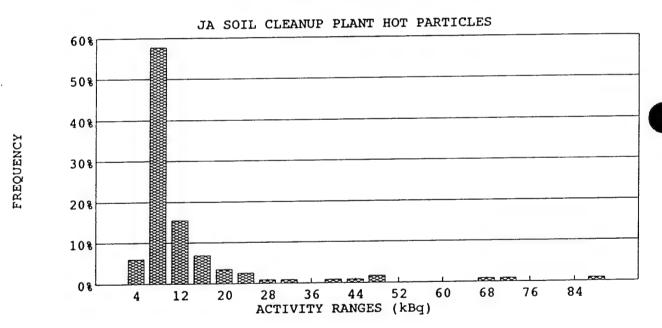
WORK DAY START	06:00 AM	1	WORK DAY E	ND	16:30 PM	
LUNCH START	11:00 AM		TIME LOST DI	JRING LUNCH	0.0 HR	•
		CODTED 1	CODTED 2	SORTER 3	SORTER 4	TOTAL
		SORTER 1	SORTER 2	SURTER 3	SORTER 4	(sorter hours)
		10.5 hr	10.5 hr	10.5 hr	10.5 hr	42.0 hr
WORK HOURS	vn c	10.3 hr	10.3 hr	10.3 hr	10.3 hr	41.0 hr
SORTER AVAILABLE HOU	JRS	10.3 nr 06:00	06:00	06:00	06:00	41.0 111
SORTER START-UP		06:00	06:14	06:20	06:20	
START SOIL PROCESSING		00:14 0.2 hr	0.14 0.2 hr	0.3 hr	0.3 hr	1.2 hr
TIME REQUIRED TO STAF	CI-UP	16:15	16:15	16:15	16:15	X.2
SORTER SHUT-DOWN		15:48	15:49	16:01	15:58	
END SOIL PROCESSING	TDOWN	0.4 hr	0.4 hr	0.2 hr	0.3 hr	1.4 hr
TIME REQUIRED TO SHUT		9.5 hr	9.6 hr	9.7 hr	9.5 hr	38.3 hr
ACTUAL PROCESS HOURS	•	0.8 hr	0.7 hr	0.6 hr	0.7 hr	2.7 hr
DOWN-TIME		0.0 iii	0.0 hr	0.0 hr	0.1 hr	0.2 hr
SYSTEM PAUSE	TAME	0.1 hr	0.0 hr	0.2 hr	0.2 hr	1.0 hr
SORTER NONAVAILABLE		0.2 m	0.2 m	0.2 iii	0.0 hr	0.0 hr
AUTHORIZED DELAY TIM	16	U.U nr	0.0 111	0.0 111	0.0 111	93.4%
PLANT PERFORMANCE						91.2%
PRODUCTIVTY						71.270
PRODUCTIVITY						
Date	o	07-Feb-94	Exc	used Delays for da	ay (sorter—hrs)	0 hr
Contract day (from 6 Sep)		121	Exc	used delays for co	ntract (sorter-hrs)	1,601 hr
Current Contract week		21	Exc	used delay days (p	olant – days)	40 days
			Exc	used delay months	s (plant – month)	1.54 months
Soil production for Day		385 MT	•			
Cumlative Soil Production for	Week	385 MT	Pero	ent of contract co	ompleted	32.5%
Total Soil production for contra	act		Ton	s Ahead or Behin	d Schedule	1,426 MT
Since 6 Sep	93	30,871 MT	Day	s ahead or behind	schedule	5 days
Since 6 Aug	93	32,462 MT	•			
Total Soil production for project	ct	58,748 MT	•			

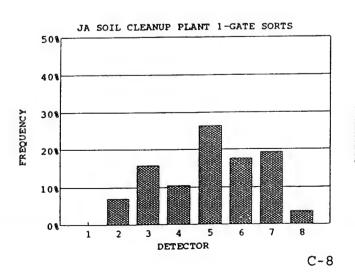
File Report1 Printed on 08-Feb-94 at 10:48:38 AM

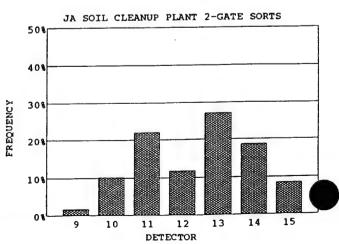
MT = metric tons

SORT	ER 1							7-Feb-94		
	SC	ORTER SOIL	DENSITY	1.20 to			BACKGROUND		0.67	
SOIL					CONTAM	INATED	CLEAN		TOTA	
	MASS TOT.	AL				tons	94.7 tons		95.4 to	ons .
1	MAXIMUM	I/SORT			58.1	-	55.9 kg			
	MINIMUM				0.7	-	47.5 kg		75.6 y	as.
		N-GROUND			0.6	ya' 99.2%	75.0 yd³		73.6 y	a <sup>2</sup>
		ECOVERY (	CLEAN/(HOT	+CLEAN	0	99.2%	DICEPED	CD + DADT	TCLE	
ACTI	VITY							SED + PART	CLEAN	
						TOLE	HOT			.n.
	TOTAL				1,288	•	1,040 kBq		3,634 k 22 k	•
	MAXIMUM				121	-	67 kBq 0 Bq		-14 k	•
	MINIMUM				3	kBq	1,351 Bq/k	o		Bq/kg
	SPECIFIC A	ACTIVITY_					1,551 154/10	ь	30.2	- A-1-P-
SORT							1 202		LIMEVE	DATICE
:		OCESS PERI		4D. 6	MD (1)		1,707		UNEXP	TIME
			ENTS SORT (		ND=0)	11				08:43
	N	ONE (AD=0	& MD=0 & M	ND>0)	in alone .	1,567			None	06:43
					ID <mndmax) 0</mndmax) 	129				
	U		D RECORDS <ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>		0					
			D=0 & MD>		0					
			D<0 & MD>		0					
	2-SEC COI	UNT PERIOD		•	_		17,070			
•			RDS WITH SC	ORTS		116				
			RDS WITHOU			16,954				
					0-s PERIODS	5)	1,823			
1	NONPROC	ESSING REC	ORDS (Test	alibration,	etc)		4			
		T DETECTO								
	1	DET	87	75.0%		5 DET	0	0.0%		
	2	DET	27	23.3%		6 DET	0	0.0%		
	3	DET	2	1.7%		7 DET	0	0.0%		
		DET	0	0.0%		8 DET	0	0.0%		
			EEN 2-SEC		392.4	sec				
FREQ	UENCY	Y DISTRI	BUTION	IS						
1-GAT	E SORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1	0	0.0%	-14000	0	-250	0.0%	4	7		6.0%
2	4	7.0%	-12000	1	-215	0.1%	8	67		57.8%
3	9	15.8%	-10000	0	-179	0.0%	12	18		15.5%
4	6	10.5%	-8000	4	-143	0.2%	16	8		6.9%
5	15	26.3%	-6000	4	-107	0.2%	20	4		3.4% 2.6%
6	10	17.5%	-4000	33	-72	1.9%	24	3 I		0.9%
7	11	19.3%	-2000	150	-36 0	8.8%	28 32	1		0.9%
. 8	2	3.5%	2000	265 458	36	15.5% 26.8%	36	0		0.9%
TOTAL	57		2000 4000	458 348	72	20.8%	40	1		0.9%
2 04	E CODTC		6000	257	107	15.0%	44	1		0.9%
DET	ESORTS SORTS	FREQ%	8000	115	143	6.7%	48	2		1.7%
9	SORIS	1.7%	10000	31	179	1.8%	52	0		0.0%
10	6	10.2%	12000	10	215	0.6%	56	0		0.0%
11	13	22.0%	14000	9	250	0.5%	60	0		0.0%
12	7	11.9%	16000	7	286	0.4%	64	0		0.0%
13	16	27.1%	18000	10	322	0.6%	68	1		0.9%
14	11	18.6%	20000	5	358	0.3%	72	1		0.9%
15	5	8.5%	22000	3	394	0.2%	76	0		0.0%
TOTAL	59	J.J. 70	24000	1	429	0.1%	80	0		0.0%
	3,		26000	0	465	0.0%	84	0		0.0%
			>28000	0	0	0.0%	>84	1		0.9%
			TOTAL	1,711	J	0.070	TOTAL	116	-	
				-,	182	DISE	800			

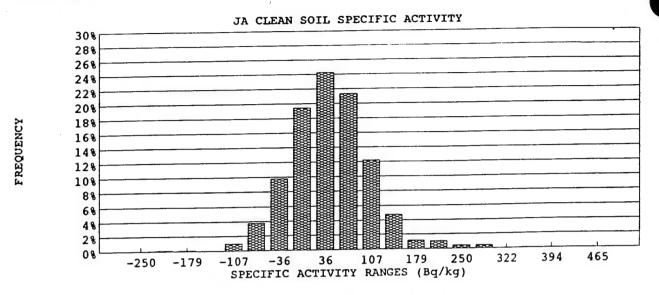


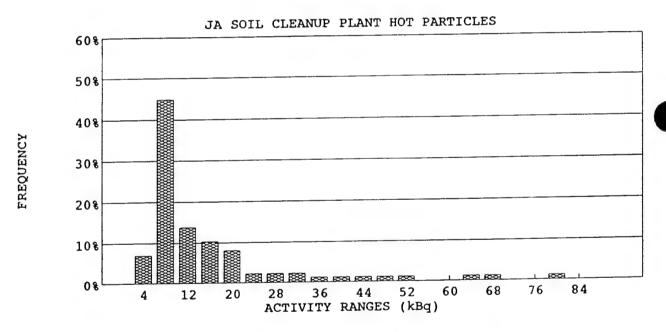


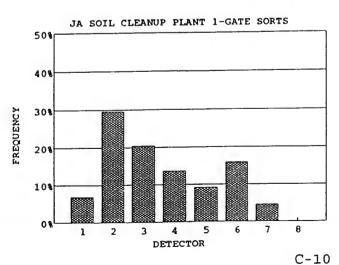


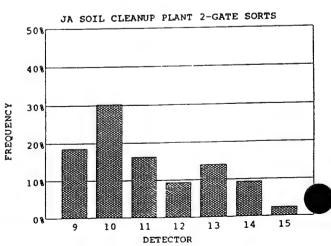


SORT	TER 2							07-Feb-94		
	S	ORTER SOIL I	DENSITY	1.20 to			BACKGROUN		0.79 :	
SOIL					CONTAI	INATED	CLEA		TOTA	
	MASS TOT	AL				tons	95.2 to		96.4 t	ons
	MAXIMUM	/SORT			55.9	•	55.9 k			
	MINIMUM	SORT			0.7	-	49.6 k	-	<b>5</b> 4.	
		N-GROUND			1.0	-	75.5 y	d³	76.4 y	d,
		ECOVERY (C	LEAN/(HO)	+CLEAN)	)	98.7%				
ACTI	VITY						DISP	ersed + Part	ICLE	
					PART	TOLE	нот		CLEAN	
	TOTAL				1,184	kBq	1,861 k	Bq	2,501 k	æq
	MAXIMUM	L/SORT			76	kBq	73 k	Bq	18 k	æg
	MINIMUM	SORT			2	kBq	0 B	Pq	-13 k	Вq
	SPECIFIC A	CTIVITY					1,520 B	lq/kg	26 E	3q/kg
SORT										
		OCESS PERIO	DS				1,725		UNEXP	PAUSE
		LL 80 ELEMEN		MD>0&MN	(D=0)	12			TIME	TIME
		ONE (AD=0 &			,	1,138			None	None
	SC	OME (AD>0&0	O <md<mn< td=""><td>Dmax&amp;MN</td><td>D<mndmax< td=""><td>575</td><td></td><td></td><td></td><td></td></mndmax<></td></md<mn<>	Dmax&MN	D <mndmax< td=""><td>575</td><td></td><td></td><td></td><td></td></mndmax<>	575				
		NEXPLAINED			0					
			AD<1kBq &		0					
			)=0 & MD>		0					
		ΑE	<0 & MD >	•0	0					
	2-SEC CO	JNT PERIODS	•				17,250			
	2-	-SEC RECORI	OS WITH SO	ORTS		87				
		-SEC RECORI				17,163				
		OCESS RECOR			-s PERIODS	5)	1,812			
	NONPROC	ESSING RECO	RDS (Test,	alibration, e	tc)		3			
		TDETECTOR								
	1	DET	69	79.3%		5 DET	0	0.0%		
	2	DET	16	18.4%		6 DET	0	0.0%		
	3	DET	2	2.3%		7 DET	0	0.0%		
	41	DET	0	0.0%		8 DET	0	0.0%		
	AVERAGE	TIME BETWE	EN 2-SEC	SORTS	500.0	sec				
FREC	DUENCY	DISTRIE	BUTION	IS						
	ESORTS		ACT ND	NUM	SPEC_A	FREO%	ACT_P	NUM		FREQ%
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1	3	6.8%	-14000	0	-250	0.0%	4	` 6		6.9%
2	13	29.5%	-12000	2	-215	0.1%	8	39		44.8%
3	9	20.5%	-10000	2	-179	0.1%	12	12		13.8%
4	6	13.6%	-8000	0	-143	0.0%	16	9		10.3%
5	4	9.1%	-6000	17	-107	1.0%	20	7		8.0%
6	7	15.9%	-4000	65	-72	3.8%	24	2		2.3%
7	2	45%	-2000	169	-36	9.8%	28	2		2.3%
, R	0	0.0%	0	336	0	19.4%	32	2		2.3%
TATO	44	0.070	2000	419	36	24.2%	36	1		1.1%
	•••		4000	369	72	21.4%	40	1		1.1%
2-GAT	TE SORTS		6000	211	107	12.2%	44	1		1.1%
	SORTS	FREQ%	8000	82	143	4.7%	48	1		1.1%
9	8	18.6%	10000	21	179	1.2%	52	1		1.1%
10	13	30.2%	12000	18	215	1.0%	56	0		0.0%
11	7	16.3%	14000	8	250	0.5%	60	0		0.0%
	4	9.3%	16000	8	286	0.5%	64	1		1.1%
	7	14.0%	18000	0	322	0.0%	68	1		1.1%
12	6	- 1.0/0		ı	358	0.1%	72	0		0.0%
12 13	6 4	0 3%	20000					-		
12 13 14	6 4 1	9.3% 2.3%	20000 22000		394	0.0%	<b>7</b> 6	0		0.0%
12 13 14 15	4 1	9.3% 2.3%	22000	0	394 429	0.0%	76 80	0 1		1.1%
12 13 14			22000 24000	0 0	429	0.0%	80	1		
12 13 14 15	4 1		22000 24000 26000	0 0 0	429 465	0.0% 0.0%	80 84	1		1.1% 0.0%
12 13 14 15	4 1		22000 24000	0 0	429	0.0%	80	1	-	1.1%





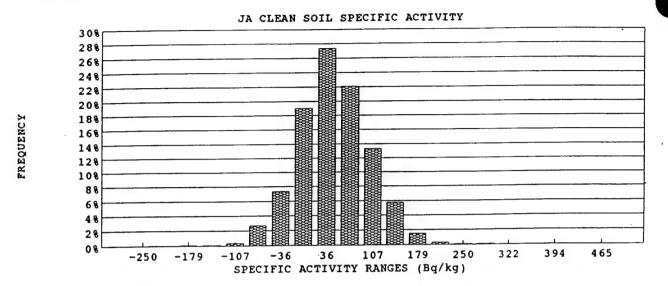


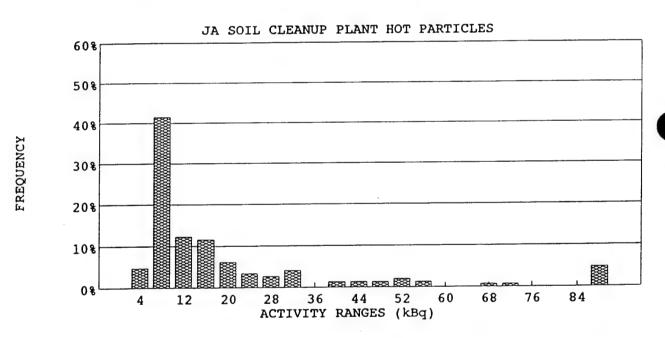


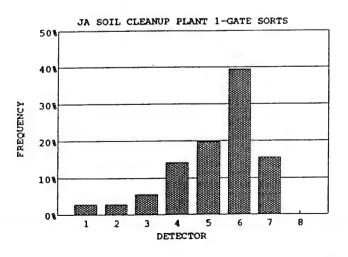
SORT	FR 3						07	-Feb-94		
JONI		ORTER SOIL	DENSITY	1.20 to	ns/m³	1	BACKGROUND		0.62	0.02 c/s
SOIL					CONTAN	MINATED	CLEAN		TOTA	T.
	MASS TOT	AL			0.3	tons	97.3 tons		97.5 t	ons
	MAXIMUM	I/SORT			3.5		55.9 kg			
	MINIMUM	SORT			0.7	kg	52.4 kg			
	<b>VOLUME I</b>	N-GROUNI	)		0.2	yd³	77.1 yd <sup>3</sup>		77.3 y	/d³
	WEIGHTR	ECOVERY (	CLEAN/(HO	(CLEAN)	)	99.7%				
ACTI	VITY						DISPERS	ED + PART	ICLE	
					PART	<b>TICLE</b>	НОТ		CLEAN	
	TOTAL				2,882	kBq	1,379 kBq		2,809 1	æq
	MAXIMUM	L/SORT			230	kBq	180 kBq		15 )	dBq
	MINIMUM				3	kBq	0 Bq		-8)	сBq
	SPECIFIC A					•	5,050 Bq/kg		29 E	3q/kg
SORT	S									
	20-SEC PR	OCESS PERI	ODS				1,745		UNEXP	PAUSE
			ENTS SORT (	MD>0&MI	ND=0)	0			TIME	TIME
	N	ONE (AD=0	& MD=0 & M	(ND>0)		1,469			None	None
			&0 <md<mn< td=""><td></td><td>D<mndmax< td=""><td>276</td><td></td><td></td><td></td><td></td></mndmax<></td></md<mn<>		D <mndmax< td=""><td>276</td><td></td><td></td><td></td><td></td></mndmax<>	276				
		•	D RECORDS		0					
		0	<ad<1kbq &<="" td=""><td>&amp;MD&gt;0</td><td>0</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>	&MD>0	0					
		A	D=0 & MD>	0	0					
		A	D<0 & MD >	<b>&gt;</b> 0	0					
	2-SEC CO	UNTPERIOR	os				17,450			
			RDS WITH SO			147				
	_		RDS WITHOU			17,303				
			ORDS (2-s SC			8)	1,892			
	NONPROC	ESSING REC	ORDS (Test, o	calibration,	etc)		3			
	2-SEC SOF	T DETECTO								
	1	DET	109	74.1%		5 DET	0	0.0%		
	2	DET	35	23.8%		6 DET	0	0.0%		
		DET	3	2.0%		7 DET	0	0.0%		
		DET	0	0.0%		8 DET	0	0.0%		
			EEN 2-SEC		320.2	sec				
FREQ	UENCY	/ DISTRI	BUTION	IS						
1-GAT	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1	2	2.8%	-14000	0	-250	0.0%	4	7	•	4.8%
2	2	2.8%	-12000	0	-215	0.0%	8	61		41.5%
3	4	5.6%	-10000	1	-179	0.1%	12	18		12.2%
4	10	14.1%	-8000	1	-143	0.1%	16	17		11.6%
5	14	19.7%	-6000	6	-107	0.3%	20	9		6.1%
6	28	39.4%	-4000	47	-72	2.7%	24	5		3.4%
7	11	15.5%	-2000	129	-36	7.4%	28	4		2.7%
8	0	0.0%	0	332	0	19.0%	32	6		4.1%
TOTAL	71		2000	478	36	27.3%	36	0		0.0%
			4000	386	72	22.1%	40	2		1.4%
	ESORTS		6000	233	107	13.3%	44	2		1.4%
DET	SORTS	FREQ%	8000	101	143	5.8%	48	2		1.4%
9	5	6.6%	10000	27	179	1.5%	52	3		2.0%
10	3	3.9%	12000	5	215	0.3%	56	2		1.4%
11	7	9.2%	14000	1	250	0.1%	60	0		0.0%
12	13	17.1%	16000	1	286	0.1%	64	0		0.0%
13	21	27.6%	18000	0	322	0.0%	68	1		0.7% 0.7%
14	23	30.3%	20000	0	358	0.0%	72 72	1		0.7%
15	4	5.3%	22000	0	394	0.0%	76	0		
TOTAL	76		24000	0	429	0.0%	80	0		0.0%
			26000	0	465	0.0%	84	0		0.0%
			>28000 _	0	0	0.0%		7		4.8%
			TOTAL	1,748			TOTAL	147		
<b>EVENT</b>	TYPES	HPE	153	MPE	237	DISE	0			

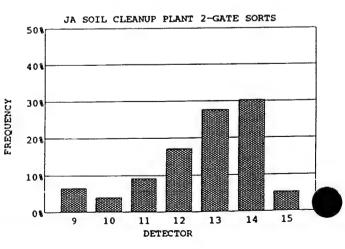
07-Feb-04

### **SORTER 3**

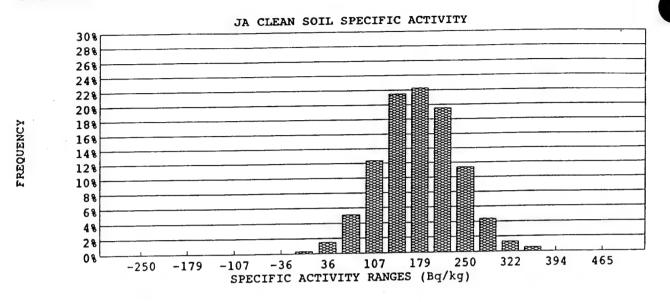


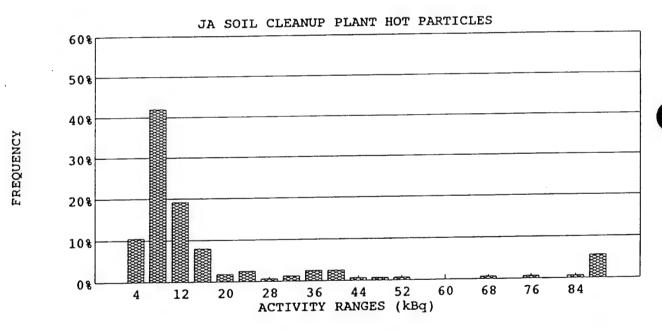


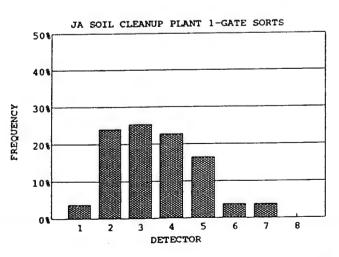


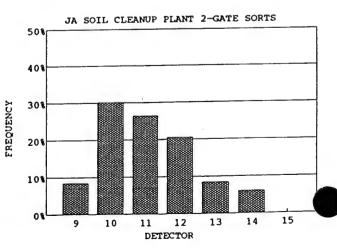


SORT	ER 4						07-	-Feb-94		111111111111111111111111111111111111111
Jorg		ORTER SOIL	DENSITY	1.20 1	ons/m³		BACKGROUND		0.59	t 0.02 c
SOIL					CONTAN	INATED	CLEAN		TOTA	IL.
	MASS TOT	AL			0.6	tons	95.4 tons		96.0 t	ons
	MAXIMUN	1/SORT			58.7		55.9 kg			
	MINIMUM				0.7		50.3 kg			
	VOLUME	N-GROUND	)		0.5	•	75.6 yd³		76.1 y	/d³
•	WEIGHT R	ECOVERY (	CLEAN/(HO	T+CLEAN	))	99.4%				
ACTI	VITY						DISPERSI	ED + PART	ICLE	
						TOLE	НОТ		CLEAN	
	TOTAL ·				3,241	•	2,039 kBq		15,270 1	•
	MAXIMUN	I/SORT			317	•	270 kBq		19 1	•
	MINIMUM				3	kBq	0 Bq		-1 k	•
	SPECIFICA	CTIVITY					3,350 Bq/kg		160 I	sq/kg
SORT	`S									
:		OCESS PERI					1,717		UNEXP	
		LL 80 ELEME			ND=0)	2			TIME	TIME
	N	ONE (AD=0	& MD=0 & N	(ND>0		1,211			None	06:26
					ND <mndmax)< td=""><td>504</td><td></td><td></td><td></td><td>07:36</td></mndmax)<>	504				07:36
	U	NEXPLAINE			0					
			<ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>		0					
			D=0 & MD>		0					
	2 CEC CO	A UNT PERIOD	D<0 & MD >	<b>&gt;</b> U	U		17,170			
		-SEC RECOR		ORTS		162				
		-SEC RECOR				17,008				
	TOTAL PR	OCESS RECO	RDS (2-s SC	ORTS and 2	0-s PERIODS	5)	1,879			
1	NONPROC	ESSING REC	ORDS (Test,	calibration,	etc)	•	0			
		T DETECTO								
	1	DET	109	67.3%		5 DET	2	1.2%		
	2	DET	37	22.8%		6 DET	0	0.0%		
	3	DET	10	6.2%		7 DET	0	0.0%		
		DET	4	2.5%		8 DET	0	0.0%		
		TIME BETW			315.0	sec				
FREQ	UENC	Y DISTRI	BUTION	IS						
1-GAT	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1	3	3.8%	-14000	0	-250	0.0%	4	17		10.5%
2	19	24.1%	-12000	0	-215	0.0%	8	68		42.0%
3	20	25.3%	-10000	0	-179	0.0%	12	31		19.1% 8.0%
4	18	22.8%	-8000	0	-143	0.0%	16 20	13		1.9%
5	13	16.5%	-6000	0	-107 -72	0.0% 0.0%	20 24	4		2.5%
6	3	3.8%	-4000 -2000	0 0	-72 -36	0.0%	28	1		0.6%
7	3	3.8% 0.0%	-2000 0	5	-30	0.3%	32	2		1.2%
В ТОТ 4 Т	79	U.U%	2000	25	36	1.5%	36	4		2.5%
TOTAL	79		4000	88	72	5.1%	40	4		2.5%
2-GAT	ESORTS		6000	212	107	12.3%	44	1		0.6%
DET	SORTS	FREQ%	8000	369	143	21.5%	48	1		0.6%
9	7	8.4%	10000	382	179	22.2%	52	1		0.6%
10	25	30.1%	12000	335	215	19.5%	56	0		0.0%
11	22	26.5%	14000	195	250	11.4%	60	0		0.0%
12	17	20.5%	16000	75	286	4.4%	64	0		0.0%
13	7	8.4%	18000	22	322	1.3%	68	1		0.6%
14	5	6.0%	20000	9	358	0.5%	72 .	0		0.0%
15	0	0.0%	22000	O	394	0.0%	76	1		0.6%
TOTAL	83		24000	0	429	0.0%	80	0		0.0%
			26000	0	465	0.0%	84	I		0.6%
			>28000 _	0	0	0.0%	>84	9		5.6%
			TOTAL	1,717			TOTAL	162		
EVENT'I	TYPES	HPE	161	MPE	545	DISE	163			









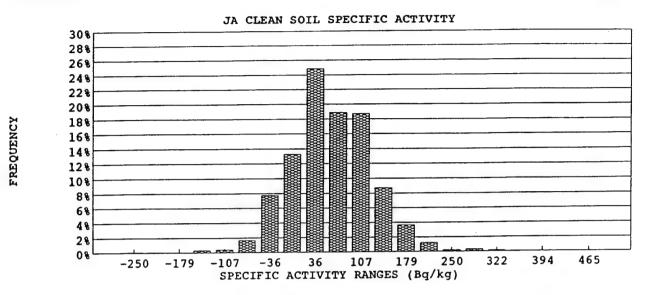
### WORK HISTORY - JA SOIL CLEANUP PLANT

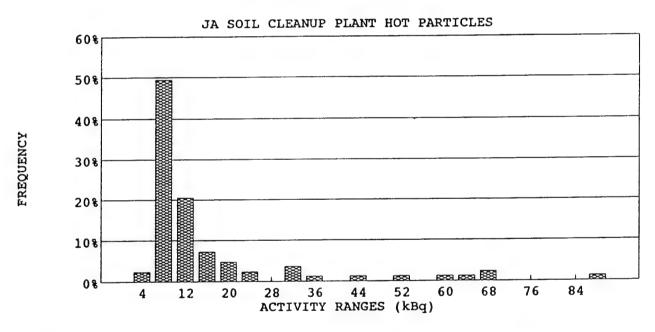
08-Feb-94

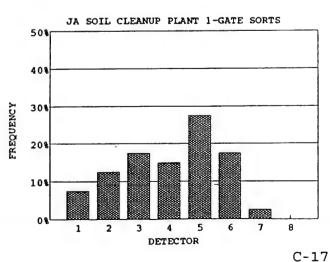
LUNCH START	11:00 AM		TIME LOST D	URING LUNCH	0.0 HR		•
2011011011011							
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL	L
						(sorter	hours)
WORK HOURS		10.5 hr	10.5 hr	10.5 hr	10.5 hr	42.0	hr
SORTER AVAILABLE HOURS		10.3 hr	10.3 hr	10.3 hr	10.3 hr	41.3	hr
SORTER START-UP		06:00	06:00	06:00	06:00		
START SOIL PROCESSING		06:17	06:17	06:17	06:17		
TIME REQUIRED TO START-	UP	0.3 hr	0.3 hr	0.3 hr	0.3 hr	1.2	hr
SORTER SHUT-DOWN		16:20	16:20	16:20	16:20		
END SOIL PROCESSING		15:49	15:48	16:03	16:04		
TIME REQUIRED TO SHUT DO	NWC	0.5 hr	0.5 hr	0.3 hr	0.3 hr	1.6	hr
ACTUAL PROCESS HOURS		9.5 hr	9.5 hr	9.8 hr	9.7 hr	38.4	hr
DOWN-TIME		0.8 hr	0.9 hr	0.6 hr	0.7 hr	2.9	hr
SYSTEM PAUSE		0.0 hr	0.1 hr	0.0 hr	0.1 hr	0.2	hr
SORTER NONAVAILABLE TIM	Œ	0.2 hr	0.2 hr	0.2 hr	0.2 hr	0.7	hr
AUTHORIZED DELAY TIME		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0	hr
PLANT PERFORMANCE						92.9%	
PRODUCTIVTY						91.5%	
PRODUCTIVITY							
Date	0	8-Feb-94	Ex	cused Delays for d	ay (sorter-hrs)	0	hr
Contract day (from 6 Sep)		122	Ex	cused delays for co	ontract (sorter-hrs)	1,601	
Current Contract week		21	Ex	cused delay days (	olant – days)		days
			Ex	cused delay month	s (plant-month)	1.54	month
Soil production for Day		387 MT					
Cumlative Soil Production for Wee	:k	772 MT	Pe	reent of contract co	ompleted	32.8%	
Total Soil production for contract			To	ns Ahead or Behin	d Schedule	1,496	MT
Since 6 Sep 93		31,257 MT	Da	ys ahead or behind	i schedule	5	days
Since 6 Aug 93		32,848 MT					
Total Soil production for project		59,135 MT					

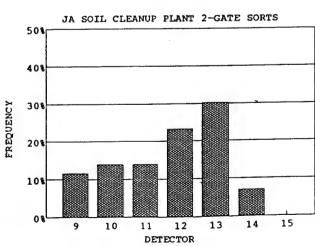
MT = metric tons

SORT	ER 1							8-Feb-94		
	S	ORTER SOIL	DENSITY	1.20 to			BACKGROUND		0.67	
SOIL					CONTAI	MINATED	CLEAN		TOTA	
N	TOT SZAN	AL				tons	95.7 ton	S	95.9 to	ons
N	MAXIMUN	A/SORT			3.5	-	55.9 kg			
	MUMININ				0.7	-	52.4 kg		76.0 y	43
7	OLUME	IN-GROUND	)	. ~ 5450		yd³ 99.9%	75.9 yd³		70.0 y	u-
		ECOVERY (	CLEAN/(HOT	+CLEAN	))	99.9%		orn / DADZ	701 F	
ACTIV	/ITY							SED + PART		
						nae	нот		CLEAN	D-
7	TOTAL				1,185	•	543 kBc	•	4,187 k 17 k	•
	<i>M</i> AXIMUN					kBq	48 kBc	l	-17 k	•
	MUMININ				3	kBq	0 Bq 4,287 Bq/	ka	44 B	-
		ACTIVITY					4,287 Bq/	NK .		4/5
SORTS	S								TIMENA	DATICE
2		OCESS PERI					1,715		UNEXP	
			ENTS SORT (		ND=0)	0			тіме	TIME
	N	ONE (AD=0	& MD=0 & M	ND>0)		1,597			None	None
		,	&0 <md<mn< td=""><td>Dmax&amp;MN</td><td></td><td>) 118</td><td></td><td></td><td></td><td></td></md<mn<>	Dmax&MN		) 118				
	U	NEXPLAINE			0					
			<ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>		0					
			D=0 & MD>		0					
			D<0 & MD >	0	U		17,150			
2		UNT PERIOD		מדים.		83	17,150			
			EDS WITH SO EDS WITHOU			17,067				
7			RDS (2-s SO		n-s PERIODS	•	1,798			
ı N	OTALIA	ESSING REC	ORDS (Test, c	alibration.	etc)	,	7			
		T DETECTO			,					
_		DET	66	79.5%		5 DET	0	0.0%		
	2	DET	12	14.5%		6 DET	0	0.0%		
	3	DET	3	3.6%		7 DET	0	0.0%		
		DET	2	2.4%		8 DET	0	0.0%		
			EEN 2-SECS		519.7	sec				
FREQ	UENCY	Y DISTRI	BUTION	S						
1-GATE			ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1	3	7.5%	-14000	1	-250	0.1%	4	2		2.4%
2	5	12.5%	-12000	1	-215	0.1%	8	41		49.4%
3	7	17.5%	-10000	0	-179	0.0%	12	17		20.5%
4	6	15.0%	-8000	5	-143	0.3%	16	6		7.2%
5	11	27.5%	-6000	7	-107	0.4%	20	4		4.8% 2.4%
6	7	17.5%	-4000	28	-72	1.6%	24	2 0		0.0%
7	1	2.5%	-2000	133	-36	7.7%	28 32	3		3.6%
8_	0	0.0%	2000	228	0	13.2% 24.9%	32 36	1		1.2%
POTAL	40		2000	428	36 72	24.9% 18.9%	40	0		0.0%
1 (477	CODTC.		4000 6000	325 322	107	18.7%	44	1		1.2%
2-GATE	SORTS	FREQ%	8000	150	143	8.7%	48	0		0.0%
DET 9	5 SUR 15	11.6%	10000	63	179	3.7%	52	I		1.2%
10	6	14.0%	12000	21	215	1.2%	56	0		0.0%
11	6	14.0%	14000	3	250	0.2%	60	1		1.2%
12	10	23.3%	16000	5	286	0.3%	64	1		1.2%
13	13	30.2%	18000	2	322	0.1%	68	2		2.4%
14	3	7.0%	20000	0	358	0.0%	72	0		0.0%
15	0	0.0%	22000	0	394	0.0%	76	0		0.0%
TOTAL	43	0.070	24000	o	429	0.0%	80	0		0.0%
w	•5		26000	0	465	0.0%	84	0		0.0%
			>28000	Ō	0	0.0%	>84	1		1.2%
			TOTAL	1,722	Ü		TOTAL	83		
				MPE	92	DISE	0			

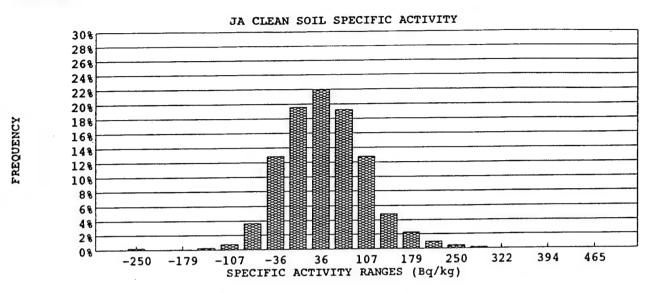


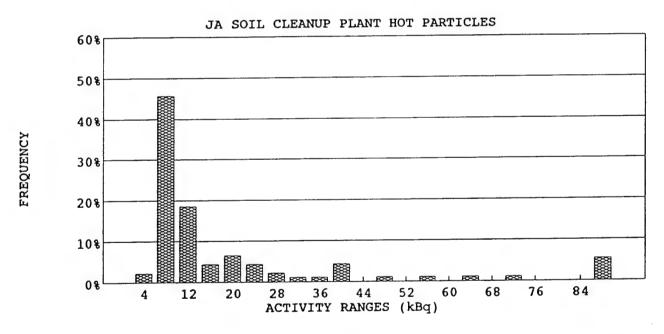


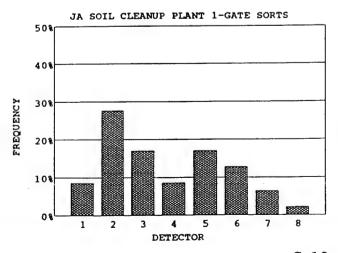


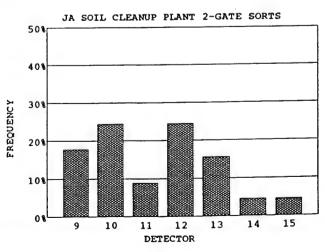


SORT	TER 2							-Feb-94	0.70
		ORTER SOIL	DENSITY	1.20 to	ns/m³	В	ACKGROUND		$0.79 \pm 0.02$
SOIL					CONTAN	INATED	CLEAN		TOTAL
012	MASS TOTA	AL			0.6	tons	94.5 tons		95.1 tons
	MAXIMUM				58.1	kg	55.9 kg		
	MINIMUM				0.7	kg	51.0 kg		
		N-GROUND	)		0.5	yd³	74.9 yd³		75.4 yd <sup>3</sup>
	WEIGHTR	ECOVERY (	CLEAN/(HO)	+CLEAN)	)	99.4%			
ACTI	VITY						DISPERSE	ED + PARTIC	CLE
ACII	VIII				PART	TICLE	нот	C	LEAN
	mom. 1				2,653		1,775 kBq		2,288 kBq
	TOTAL MAXIMUM	KORT			635	•	319 kBq		16 kBq
						kBq	0 Bq		-15 kBq
	MINIMUM						2,894 Bq/kg		24 Bq/kg
ODD	SPECIFIC A	CHALL							
SORT							1,702	U	NEXP PAUS
	20-SEC PR	OCESS PERI	ODS	4D- 00343	TD (1)		1,702		пме тіме
		LL 80 ELEME			ND=0)	1 1,131			lone 15:41
	N	ONE (AD=0	& MD=0 & M	ND>0)	D <141D				
•					D <mndmax< td=""><td>3/0</td><td></td><td></td><td></td></mndmax<>	3/0			
	U	NEXPLAINE			0				
			<ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td></ad<1kbq>		0				
			D=0 & MD>		0				
			D<0 & MD >	·U	0		17,020		
	2-SEC COU	JNT PERIOD	S			92	17,020		
		-SEC RECOR				16,928			
	2-	-SEC RECOR	RDS WITHOU	TI SOR IS	, prnione		1,794		
	TOTAL PRO	OCESS RECC	ORDS (2-s SC	IK 15 and 20	-s PERIODS	·)	6		
	NONPROC	ESSING REC	ORDS (Test, o	alibration, o	etc)		Ü		
		T DETECTO				5 DET	0	0.0%	
		DET	70	76.1%			0	0.0%	
		DET	18	19.6%		6 DET	0	0.0%	
		DET	4	4.3%		7 DET	0	0.0%	
		DET	0	0.0%		8 DET	U	0.070	
		TIME BETW			486.3	sec			
FREC	QUENCY	DISTRI		5					FREO
1-GA	TESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM	FREQ
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)	2.20
1	4	8.5%	-14000	4	-250	0.2%	4	2	2.2% 45.7%
2	13	27.7%	-12000	. 0	-215	0.0%	8	42	
3	8	17.0%	-10000	1	-179		12	17	18.5%
4		8.5%	-8000	5	-143	0.3%	16	4	4.3%
5	8	17.0%	-6000	13	-107	0.8%	20	6	6.5%
6		12.8%	-4000	62	-72	3.6%	24	4	4.3%
7	3	6.4%	-2000	219	-36	12.8%	28	2	2.2%
8	1	2.1%	0	334	0	19.6%	32	1	1.1%
TOTAL	47		2000	374	36	21.9%	36	1	1.1%
			4000	328	72	19.2%	40	4	4.3%
2-GA	TE SORTS		6000	218	107	12.8%	44	0	0.0%
DET	SORTS	FREQ%	8000	83	143	4.9%	48	1	1.1% 0.0%
9	8	17.8%	10000	39	179	2.3%	52	0	
10	11	24.4%	12000	17	215	1.0%	56	1	1.1%
11	4	8.9%	14000	8	250	0.5%	60	0	0.0%
12		24.4%	16000	3	286	0.2%	64	1	1.1%
13		15.6%	18000	0	322	0.0%	68	0	0.0%
		4.4%	20000	0	358	0.0%	72	1	1.1%
14		4.4%	22000	0	394	0.0%	76	0	0.0%
14 15	_		24000	0	429	0.0%	80	0	0.0% 0.0%
15							0.7	^	0.0%
15			26000	0	465	0.0%	84	0	
				0	465 0	0.0% 0.0%	>84	5	5.4%
15			26000 >28000 TOTAL						

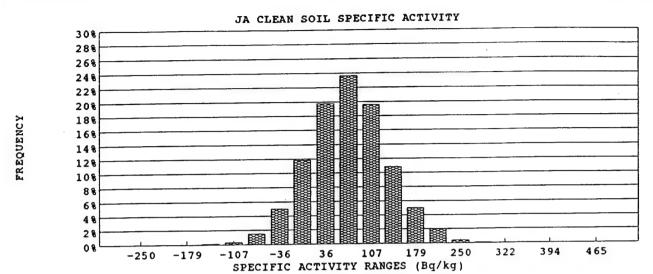


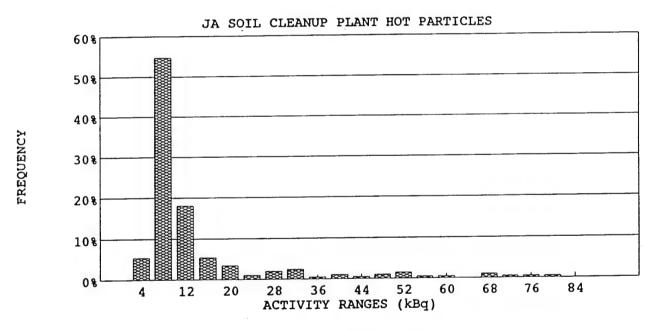


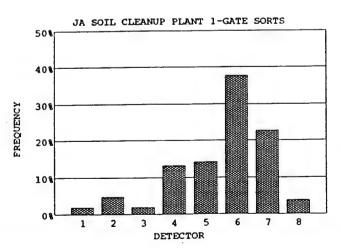


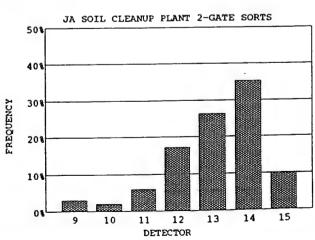


SORT	ER3				-			8-Feb-94		
		ORTER SOIL	DENSITY	1.20 to			BACKGROUND			0.02
SOIL						MINATED	CLEAN		TOTA	-
1	MASS TOT	`AL			•	tons	97.8 ton	S	98.2 t	ons
i	MAXIMUN	M/SORT			4.2	-	55.9 kg			
	MINIMUM		_		0.7	•	51.7 kg		77.0 **	
		N-GROUNI		C. @ CAND		yd³	77.5 yd³		77.9 y	a ·
		ECOVERY (	CLEAN/(HOT	+CLEAN	))	99.6%	Dianer	ACCD + DADT	TOLE.	
ACTIV	VITY							RSED + PART		
						пал	нот		CLEAN	<b>D</b> -
	TOTAL				2,504	•	1,555 kBd	-	5,287 k 15 k	_
	MAXIMUM					kBq kBq	51 kBc 0 Bq	1	-8 k	-
	MINIMUM				3	къq	3,531 Bq/	kø		q/kg
	SPECIFIC A	ACHVIII					0,000			
SORT							1,757		UNEXP	PALISE
2		OCESS PERI		VD- 0814	MD 0\	0	1,737		TIME	TIME
			ENTS SORT (		ND=0)	1.318			None	None
	N	OME (AD=0	& MD=0 & M &0 <md<mn< td=""><td>Dmar&amp;MN</td><td>ID<mndmax< td=""><td></td><td></td><td></td><td></td><td></td></mndmax<></td></md<mn<>	Dmar&MN	ID <mndmax< td=""><td></td><td></td><td></td><td></td><td></td></mndmax<>					
			D RECORDS		0	,				
	U		<ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>		0					
			D=0 & MD>		0					
			D<0 & MD >		0					
2	SEC CO	UNTPERIOD					17,570			
			RDS WITH SC	ORTS		205				
			RDS WITHOU			17,365				
			ORDS (2-s SC			S)	1,962			
			ORDS (Test, o	alibration,	etc)		3			
2	-SEC SOF	RT DETECTO				c p.pm		0.0%		
		DET	156	76.1%		5 DET	0	0.0%		
		DET	45	22.0%		6 DET 7 DET	0	0.0%		
		DET	4 0	2.0% 0.0%		8 DET	0	0.0%		
		DET	EEN 2-SEC		225.3		ŭ			
			BUTION							
		DISTRI			SDEC A	EDEO%	ACT_P	NUM		FREQ%
1-GATI		ED COM	ACT_ND	NUM	SPEC_A	rkeQ%	(kBq)	(#)		
	SORTS	FREQ%	(Bq) -14000	(#) 0	(Bq/kg) -250	0.0%	4	11		5.4%
1	2	1.9% 4.7%	-12000	0	-215	0.0%	8	112		54.6%
2	5 2	1.9%	-12000	0	-179	0.0%	12	37		18.0%
4	14	13.2%	-8000	2	-143	0.1%	16	11		5.4%
5	15	14.2%	-6000	5	-107	0.3%	20	7		3.4%
6	40	37.7%	-4000	26	-72	1.5%	24	2		1.0%
7	24	22.6%	-2000	88	-36	5.0%	28	4		2.0%
8	4	3.8%	0	208	0	11.8%	32	5		2.4%
TOTAL	106		2000	348	36	19.8%	36	1		0.5%
			4000	416	72	23.6%	40	2		1.0%
2-GATE			6000	345	107	19.6%	44	1		0.5%
	SORTS	FREQ%	8000	191	143	10.9%	48	2		1.0% 1.5%
9	3	3.0%	10000	88	179	5.0%	52	3		0.5%
10	2	2.0%	12000	35	215	2.0%	56	1		0.5%
11	6	6.1%	14000	7	250	0.4%	60 64	0		0.0%
12	17	17.2%	16000	1	286	0.1%	68	2		1.0%
13	26	26.3%	18000	0	322 358	0.0% 0.0%	72	1		0.5%
14	35	35.4%	20000	0	338 394	0.0%	72 76	1		0.5%
15_	10	10.1%	22000 24000	0 0	429	0.0%	80	1		0.5%
TOTAL ,	99		26000	0	465	0.0%	84	0		0.0%
			>28000	0	403	0.0%	>84	0		0.0%
			TOTAL	1,760	Ū	5.070	TOTAL	205		
				.,.00	414	DISE	0			

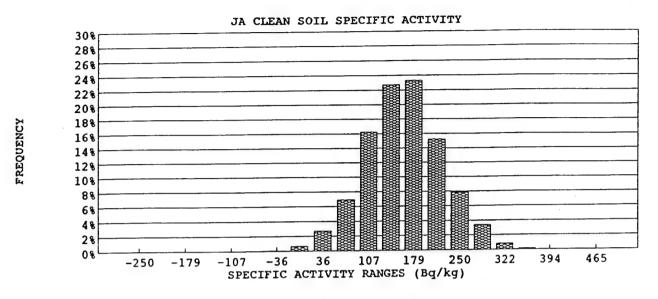


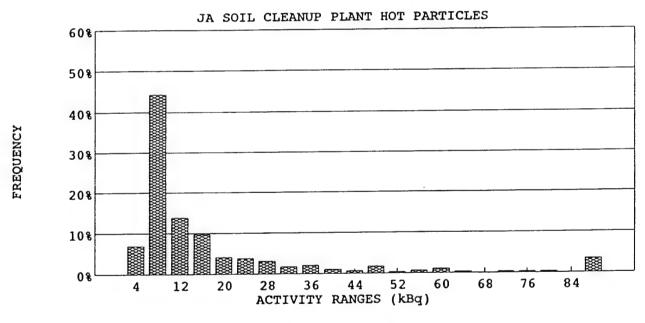


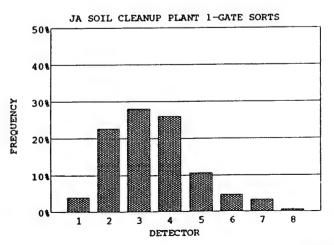


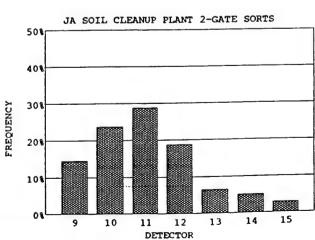


SORT	TED A						(	08-Feb-94	-	
SUKI		ORTER SOIL	DENSITY	1.20 to	ons/m³		BACKGROUND		0.59 1	0.02 c/
SOIL					CONTAN	INATED	CLEAN		TOTA	
1	MASS TOT	AL				tons	96.6 ton	ns	97.3 t	ons
	MAXIMU	M/SORT			58.7		55.9 kg			
	MINIMUM				0.7	_	50.3 kg		77.1	.11
		IN-GROUNI			0.6	-	76.6 yd³		77.1 y	a,
		RECOVERY (	CLEAN/(HO	r+clean	))	99.3%			7015	
ACTI	VITY							RSED + PART		
						nale	HOT	_	CLEAN 14,121 k	·Da
	TOTAL				6,224	•	3,267 kB 479 kB	•	19 k	•
	MAXIMUN					kBq kBq	0 Bq	•	-2 k	•
	MINIMUM SPECIFIC				,	KD4	4,695 Bq		146 E	-
SORT		ACTIVITI								
		OCESS BERL	ODS				1,741		UNEXP	PAUSE
		ROCESS PERI		MDSO&M	ND=0)	1	2,7.42		TIME	TIME
		IONE (AD=0			110-0)	1,129			None	06:20
	7	OME (AD=0	BOSMDSMN	Dmax&Ml	ND <mndmax< td=""><td>,</td><td></td><td></td><td></td><td>06:23</td></mndmax<>	,				06:23
		INEXPLAINE			0					
	•		<ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>		0					
			D=0 & MD>		0					
			D<0 & MD >		0					
	2-SEC CO	UNT PERIOD	S				17,410			
	2	-SEC RECOR	RDS WITH SO			289				
	2	-SEC RECOR	OHTIW 2019	JT SORTS		17,121	2.020			
	TOTAL PR	OCESS RECO	ORDS (2-s SC	ORTS and 2	0-s PERIODS	•)	2,030			
		ESSING REC		calibration,	etc)		1			
		RT DETECTO	ORS 215	74.4%		5 DET	1	0.3%		
	_	DET	58	20.1%		6 DET	0	0.0%		
		DET	13	4.5%		7 DET	0	0.0%		
		DET	2	0.7%		8 DET	0	0.0%		
		TIME BETW	_		162.0	sec				
		Y DISTRI								
	ESORTS	Diolica	ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1	6	4.0%	-14000	ó	-250	0.0%	4	20		6.9%
2	34	22.7%	-12000	0	-215	0.0%	8	128		44.3%
3	42	28.0%	-10000	0	-179	0.0%	12	40		13.8%
4	39	26.0%	-8000	0	-143	0.0%	16	28		9.7%
5	16	10.7%	-6000	0	-107	0.0%	20	12		4.2%
6	7	4.7%	-4000	0	-72	0.0%	24	11 9		3.8% 3.1%
7	5	3.3%	-2000	1	-36	0.1%	28 32	5		1.7%
8	1	0.7%	2000	11	0 36	0.6% 2.7%	36	6		2.1%
TOTAL	150		2000 4000	47 121	72	6.9%	40	3		1.0%
2.04	E CODTC		6000	283	107	16.2%	44	2		0.7%
2-GA1 DET	E SORTS SORTS	FREQ%	8000	396	143	22.7%	48	5		1.7%
DEI 9	20 20	14.4%	10000	406	179	23.3%	52	1		0.3%
10	33	23.7%	12000	265	215	15.2%	56	2		0.7%
11	40	28.8%	14000	137	250	7.9%	60	3		1.0%
12	26	18.7%	16000	59	286	3.4%	64	1		0.3%
13	9	6.5%	18000	14	322	0.8%	68	0		0.0%
14	7	5.0%	20000	2	358	0.1%	72	1		0.3%
15	4	2.9%	22000	0	394	0.0%	76	1		0.3%
TOTAL	139		24000	0	429	0.0%	80	. 1		0.3%
			26000	0	465	0.0%	84	0		0.0% 3.5%
			>28000	0	0	0.0%	>84	10		370
			TOTAL	1,742		Dice	TOTAL 83	289		
<b>EVENT</b>	TYPES	HPE	289	MPE	621	DISE	- 53			





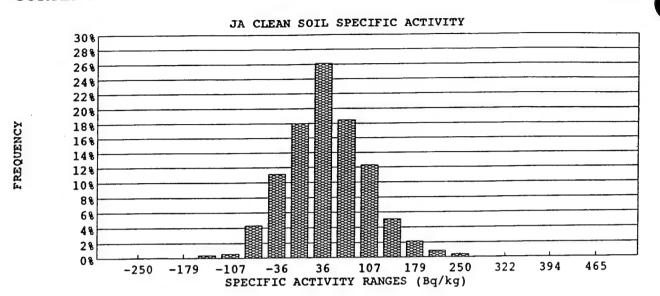


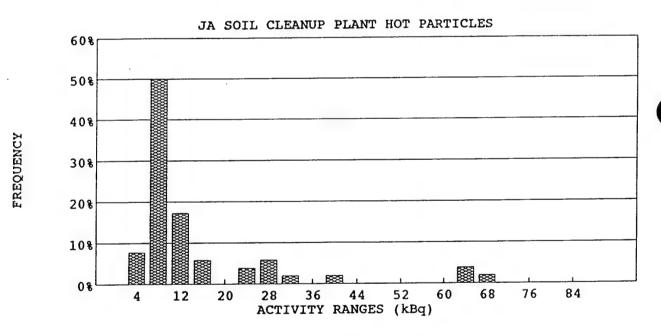


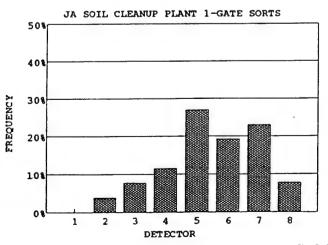
### WORK HISTORY - JA SOIL CLEANUP PLANT

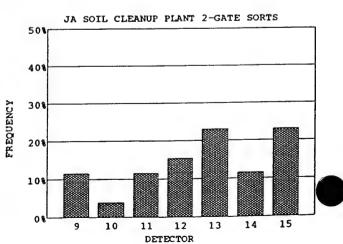
WORK DAY START	05:40 A	<b>M</b>	WORK DAY E	ND	16:30 PM	
LUNCH START	11:00 A	M	TIME LOST DU	JRING LUNCH	0.0 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL
						(sorter hours)
WORK HOURS		10.8 hr	10.8 hr	10.8 hr	10.8 hr	43.3 hr
SORTER AVAILABLE HO	URS	10.8 hr	10.8 hr	10.8 hr	10.8 hr	43.3 hr
SORTER START-UP		05:40	05:40	05:40	05:40	
START SOIL PROCESSING	;	06:10	06:09	06:11	06:11	
TIME REQUIRED TO STA	RT-UP	0.5 hr	0.5 hr	0.5 hr	0.5 hr	2.1 hr
SORTER SHUT-DOWN		16:30	16:30	16:30	16:30	
END SOIL PROCESSING		15:52	15:52	16:08	16:07	
TIME REQUIRED TO SHU	T DOWN	0.6 hr	0.6 hr	0.4 hr	0.4 hr	2.0 hr
ACTUAL PROCESS HOUR		9.7 hr	9.7 hr	9.9 hr	9.9 hr	39.2 hr
DOWN-TIME		1.1 hr	1.1 hr	0.9 hr	1.0 hr	4.2 hr
SYSTEM PAUSE		0.0 hr	0.0 hr	0.1 hr	0.1 hr	0.1 hr
SORTER NONAVAILABLE	етіме	0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
AUTHORIZED DELAY TI		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
PLANT PERFORMANCE						90.4%
PRODUCTIVTY			-			90.4%
PRODUCTIVITY						
Date		09-Feb-94	Excu	sed Delays for da	y (sorter – hrs)	0 hr
Contract day (from 6 Sep)		123	Excu	sed delays for co	ntract (sorter-hrs)	1,601 hr
Current Contract week		21	Excu	sed delay days (p	lant-days)	40 days
			Excu	sed delay months	(plant-month)	1.54 month
Soil production for Day		394 MT				
Cumlative Soil Production for	Week	1,166 MT	Perc	ent of contract co	mpleted	33.2%
Total Soil production for contr	ract		Tons	Ahead or Behine	d Schedule	1,574 MT
Since 6 Sep	93	31,651 MT	Days	ahead or behind	schedule	5 days
Since 6 Au	g 93	33,242 MT				
Total Soil production for proje	ect	59,529 MT				
MT = metric tons						

	RTER 1	CODTTO CO	II DENOM					-Feb-9		
COTI		SORTER SO	IL DENSITY	1.20 to	ons/m³		BACKGROUND		0.69	± 0.02
SOII					CONTA	MINATED	CLEAN		TOTA	L
	MASS TO				0.1	tons	97.5 tons		97.6 t	ons
	MAXIMU				2.8	3 kg	55.9 kg			
	MINIMU					7 kg	53.1 kg			
		IN-GROUN				yd³	77.3 yd <sup>3</sup>		77.4 y	'd³
. ~		RECOVERY	(CLEAN/(HO)	r+clean	))	99.9%				
ACI	TVITY						DISPERS	ED + PAR	TICLE	
					PAR	TICLE	HOT		CLEAN	
	TOTAL				671	kBq	372 kBq		2,399 k	Ba
	MAXIMU	M/SORT			65	kBq	46 kBq		16 k	
	MINIMUN				3	kBq	0 Bq		-9 k	•
		ACTIVITY					3,687 Bq/kg		25 B	q/kg
SOR	TS									
	20-SEC P	ROCESS PER	RIODS				1,746		UNEXP	DATICE
		ALL 80 ELEM	ENTS SORT (	1D>0&M1	(0=D/	0	2,7 10		TIME	TIME
			0 & MD=0 & M			1,639			None	None
			0&0 <md<mni< td=""><td></td><td>D<mndmax< td=""><td></td><td></td><td></td><td>None</td><td>HORE</td></mndmax<></td></md<mni<>		D <mndmax< td=""><td></td><td></td><td></td><td>None</td><td>HORE</td></mndmax<>				None	HORE
			ED RECORDS		0	•				
			0 <ad<1kbq &<="" td=""><td>MD&gt;0</td><td>0</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>	MD>0	0					
			AD=0 & MD>		0					
			AD<0 & MD >	0	0					
	2-SEC CO	UNTPERIO	DS				17,460			
	2	-SEC RECO	RDS WITH SO	RTS		52				
	2	-SEC RECO	RDS WITHOU	TSORTS		17,408				
			ORDS (2-s SO			S)	1,798			
			CORDS (Test, ca	alibration, e	tc)		8			
		RTDETECTO								
		DET	39	75.0%		5 DET	0	0.0%		
		DET	10	19.2%		6 DET	0	0.0%		
		DET	2	3.8%		7 DET	0	0.0%		
		DET	1	1.9%		8 DET	0	0.0%		
DTC			VEEN 2-SEC S		895.4	sec				
		DISTR	IBUTION:	5						
	TESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM	1	FREQ%
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1		0.0%	-14000	1	-250	0.1%	4	4		7.7%
2		3.8%	-12000	1	-215	0.1%	8	26		50.0%
3		7.7%	-10000	0	-179	0.0%	12	9		17.3%
4	3	11.5%	-8000	7	-143	0.4%	16	3		5.8%
5		26.9%	-6000	10	-107	0.6%	20	0		0.0%
6	5	19.2%	-4000	75	-72	4.3%	24	2		3.8%
7	6	23.1%	-2000	195	-36	11.1%	28	3		5.8%
8 TAI	2	7.7%	0	315	0	18.0%	32	1		1.9%
TAL	26		2000	458	36	26.1%	36	0		0.0%
~ . ~	TE SORTS		4000	324	72	18.5%	40	1		1.9%
_/:^'	SORTS	FREQ%	6000 8000	216	107	12.3%	44	0		0.0%
		11.5%	10000	90	143	5.1%	48	0		0.0%
DET		11.370		38	179	2.2%	52	0		0.0%
DET 9	3	3 80%	12000			0.9%	56	0		0.0%
DET 9 10	3 1	3.8% 11.5%	12000	15	215	0.40				0.00
9 10 11	3 1 3	11.5%	14000	7	250	0.4%	60	0		0.0%
9 10 11 12	3 1 3 4	11.5% 15.4%	14000 16000	7	250 286	0.1%	64	2		3.8%
9 10 11 12 13	3 1 3 4 6	11.5% 15.4% 23.1%	14000 16000 18000	7 1 1	250 286 322	0.1% 0.1%	64 68	2 1		3.8% 1.9%
9 10 11 12 13	3 1 3 4 6 3	11.5% 15.4% 23.1% 11.5%	14000 16000 18000 20000	7 1 1 0	250 286 322 358	0.1% 0.1% 0.0%	64 68 72	2 1 0		3.8% 1.9% 0.0%
9 10 11 12 13 14	3 1 3 4 6 3 6	11.5% 15.4% 23.1%	14000 16000 18000 20000 22000	7 1 1 0	250 286 322 358 394	0.1% 0.1% 0.0% 0.0%	64 68 72 76	2 1 0 0		3.8% 1.9% 0.0% 0.0%
9 10 11 12 13	3 1 3 4 6 3	11.5% 15.4% 23.1% 11.5%	14000 16000 18000 20000 22000 24000	7 1 1 0 0	250 286 322 358 394 429	0.1% 0.1% 0.0% 0.0% 0.0%	64 68 72 76 80	2 1 0 0		3.8% 1.9% 0.0% 0.0% 0.0%
9 10 11 12 13 14	3 1 3 4 6 3 6	11.5% 15.4% 23.1% 11.5%	14000 16000 18000 20000 22000 24000 26000	7 1 1 0 0 0	250 286 322 358 394 429 465	0.1% 0.1% 0.0% 0.0% 0.0%	64 68 72 76 80 84	2 1 0 0 0		3.8% 1.9% 0.0% 0.0%
9 10 11 12 13 14	3 1 3 4 6 3 6	11.5% 15.4% 23.1% 11.5%	14000 16000 18000 20000 22000 24000	7 1 1 0 0	250 286 322 358 394 429	0.1% 0.1% 0.0% 0.0% 0.0%	64 68 72 76 80	2 1 0 0		3.8% 1.9% 0.0% 0.0% 0.0%

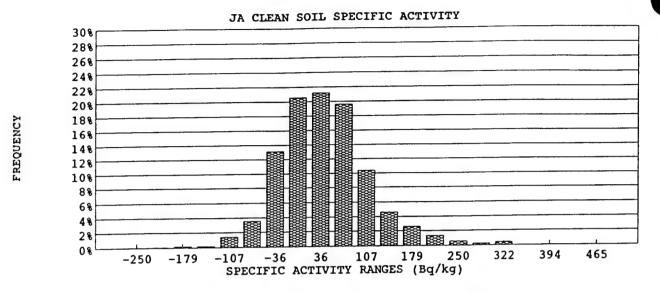


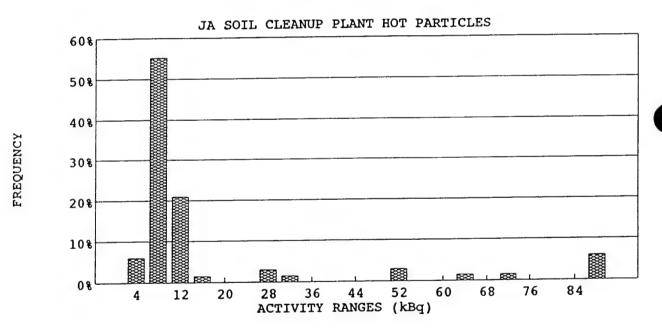


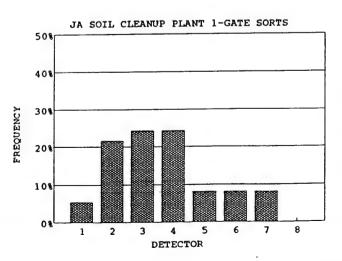


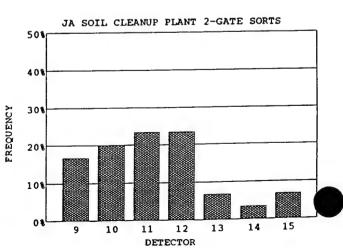


	TER 2							-Feb-94		
		ORTER SOIL	DENSITY	1.20 to	ns/m³	F	BACKGROUND		0.79	± 0.03 c
SOIL					CONTAN	INATED	CLEAN		TOTA	
	MASS TOT	AL				tons	97.3 tons		97.8 t	ions
	MAXIMUN	M/SORT			4.2	-	55.9 kg			
	MINIMUM				0.7	_	51.7 kg			
		IN-GROUND			0.4	-	77.1 yd <sup>3</sup>		77.5 y	/d³
		ECOVERY (	CLEAN/(HO	I+CLEAN)	)	99.5%				<del></del>
ACT:	IVITY						DISPERSE	D + PART		
						TICLE	нот		CLEAN	
	TOTAL				1,219	•	1,273 kBq		2,334 1	-
	MAXIMUN				211	•	94 kBq		17 )	•
	MINIMUM				3	kBq	0 Bq		-11 )	•
2000	SPECIFICA	ACTIVITY	<del></del>				2,482 Bq/kg		24 1	3q/kg
SOR							. =			DANIOD
		OCESS PERI				_	1,749			PAUSE
		LL 80 ELEME			ND=0)	0			TIME	TIME
		ONE (AD=0			D AME	1,218			11:12	None
		OME (AD>08				531				
	U	NEXPLAINE			0					
			<ad<1kbq &<="" td=""><td></td><td>1 0</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>		1 0					
			D=0 & MD> D<0 & MD >		0					
	2_SEC CO	UNT PERIOD		>0	U		17,490			
		-SEC RECOR		2T QC		67	17,470			
	_	-SEC RECOR				17,423				
		OCESS RECO			)-s PERIODS		1,816			
		ESSING REC				,	3			
		RTDETECTO	•		,					
		DET	55	82.1%		5 DET	0	0.0%		
	2	DET	11	16.4%		6 DET	0	0.0%		
	3	DET	1	1.5%		7 DET	0	0.0%		
	4	DET	0	0.0%		8 DET	0	0.0%		
	AVERAGE	TIMEBETWI	EEN 2-SEC	SORTS	636.0	sec				
FREC	QUENC	Y DISTRI	BUTION	IS						
1-GA	TESORTS									FREQ%
	IESUK IS		ACT ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FKEQ%
DET		FREQ%	ACT_ND (Bq)	NUM (#)	SPEC_A (Bq/kg)	FREQ%	ACT_P (kBq)	NUM (#)		rkeQ%
	SORTS		-			0.0%				6.0%
DET	SORTS 2	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
DET 1	SORTS 2 8	FREQ% 5.4%	(Bq) -14000	(#) 0	(Bq/kg) -250	0.0% 0.1% 0.2%	(kBq) 4 8 12	(#) 4		6.0% 55.2% 20.9%
DET 1 2	SORTS 2 8 9	FREQ% 5.4% 21.6% 24.3% 24.3%	(Bq) -14000 -12000 -10000 -8000	(#) 0 1 3	(Bq/kg) -250 -215 -179 -143	0.0% 0.1% 0.2% 0.2%	(kBq) 4 8 12 16	(#) 4 37 14		6.0% 55.2% 20.9% 1.5%
DET 1 2 3 4 5	SORTS 2 8 9 9 3	FREQ% 5.4% 21.6% 24.3% 24.3% 8.1%	(Bq) -14000 -12000 -10000 -8000 -6000	(#) 0 1 3 3 25	(Bq/kg) -250 -215 -179 -143 -107	0.0% 0.1% 0.2% 0.2% 1.4%	(kBq) 4 8 12 16 20	(#) 4 37 14 1 0		6.0% 55.2% 20.9% 1.5% 0.0%
DET 1 2 3 4 5	SORTS 2 8 9 9 3 3	FREQ% 5.4% 21.6% 24.3% 24.3% 8.1%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000	(#) 0 1 3 	(Bq/kg) -250 -215 -179 -143 -107 -72	0.0% 0.1% 0.2% 0.2% 1.4% 3.5%	(kBq) 4 8 12 16 20 24	(#) 4 37 14 1 0		6.0% 55.2% 20.9% 1.5% 0.0%
DET 1 2 3 4 5 6 7	SORTS 2 8 9 9 3 3 3	FREQ% 5.4% 21.6% 24.3% 24.3% 8.1% 8.1%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000	(#) 0 1 3 3 25 61 230	(Bq/kg) -250 -215 -179 -143 -107 -72	0.0% 0.1% 0.2% 0.2% 1.4% 3.5% 13.1%	(kBq) 4 8 12 16 20 24 28	(#) 4 37 14 1 0 0		6.0% 55.2% 20.9% 1.5% 0.0% 0.0% 3.0%
DET 1 2 3 4 5 6 7	SORTS 2 8 9 9 3 3 3 0	FREQ% 5.4% 21.6% 24.3% 24.3% 8.1%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000	(#) 0 1 3 3 25 61 230 360	(Bq/kg) -250 -215 -179 -143 -107 -72 -36	0.0% 0.1% 0.2% 0.2% 1.4% 3.5% 13.1% 20.5%	(kBq) 4 8 12 16 20 24 28 32	(#) 4 37 14 1 0 2		6.0% 55.2% 20.9% 1.5% 0.0% 0.0% 3.0% 1.5%
DET 1 2 3 4 5 6 7	SORTS 2 8 9 9 3 3 3 0	FREQ% 5.4% 21.6% 24.3% 24.3% 8.1% 8.1%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 0	(#) 0 1 3 3 25 61 230 360 371	(Bq/kg) -250 -215 -179 -143 -107 -72 -36 0 36	0.0% 0.1% 0.2% 0.2% 1.4% 3.5% 13.1% 20.5% 21.2%	(kBq) 4 8 12 16 20 24 28 32 36	(#) 4 37 14 1 0 2 1		6.0% 55.2% 20.9% 1.5% 0.0% 3.0% 1.5% 0.0%
DET  1 2 3 4 5 6 7 8 TOTAL	SORTS 2 8 9 9 3 3 3 0 37	FREQ% 5.4% 21.6% 24.3% 24.3% 8.1% 8.1%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000	(#) 0 1 3 3 25 61 230 360 371 343	(Bq/kg) -250 -215 -179 -143 -107 -72 -36 0 36 72	0.0% 0.1% 0.2% 0.2% 1.4% 3.5% 13.1% 20.5% 21.2% 19.6%	(kBq) 4 8 12 16 20 24 28 32 36 40	(#) 4 37 14 1 0 0 2 1 0 0		6.0% 55.2% 20.9% 1.5% 0.0% 0.0% 3.0% 1.5% 0.0%
DET  1 2 3 4 5 6 7 8 OTAL	SORTS  2  8  9  9  3  3  0  37	FREQ% 5.4% 21.6% 24.3% 24.3% 8.1% 8.1% 0.0%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000	(#) 0 1 3 3 25 61 230 360 371 343 182	(Bq/kg) -250 -215 -179 -143 -107 -72 -36 0 36 72	0.0% 0.1% 0.2% 0.2% 1.4% 3.5% 13.1% 20.5% 21.2% 19.6% 10.4%	(kBq) 4 8 12 16 20 24 28 32 36 40 44	(#) 4 37 14 1 0 0 2 1 0 0 0		6.0% 55.2% 20.9% 1.5% 0.0% 3.0% 1.5% 0.0% 0.0%
DET  1 2 3 4 5 6 7 8 OTAL  2-GAT	SORTS  2  8  9  9  3  3  0  37  TE SORTS  SORTS	FREQ% 5.4% 21.6% 24.3% 24.3% 8.1% 8.1% 0.0%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000	(#) 0 1 3 3 25 61 230 360 371 343 182 80	(Bq/kg) -250 -215 -179 -143 -107 -72 -36 0 36 72 107	0.0% 0.1% 0.2% 0.2% 1.4% 3.5% 13.1% 20.5% 21.2% 19.6% 10.4% 4.6%	(kBq) 4 8 12 16 20 24 28 32 36 40 44 48	(#) 4 37 14 1 0 0 2 1 0 0 0 0 0		6.0% 55.2% 20.9% 1.5% 0.0% 0.0% 3.0% 1.5% 0.0% 0.0%
DET 1 2 3 4 5 6 7 8 OTAL 2-GAT DET 9	SORTS 2 8 9 9 3 3 0 37 TE SORTS SORTS 5	FREQ% 5.4% 21.6% 24.3% 24.3% 8.1% 8.1% 0.0%  FREQ% 16.7%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000	(#) 0 1 3 3 25 61 230 360 371 343 182 80 46	(Bq/kg) -250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179	0.0% 0.1% 0.2% 0.2% 1.4% 3.5% 13.1% 20.5% 21.2% 19.6% 10.4% 4.6% 2.6%	(kBq)  4  8  12  16  20  24  28  32  36  40  44  48  52	(#) 4 37 14 1 0 0 2 1 0 0 0 2 2 1 0 0 0 0 2		6.0% 55.2% 20.9% 1.5% 0.0% 0.0% 3.0% 1.5% 0.0% 0.0% 0.0%
DET 1 2 3 4 5 6 7 8 OTAL 2-GAT DET 9 10	SORTS 2 8 9 9 3 3 0 37 TE SORTS 5 6	FREQ% 5.4% 21.6% 24.3% 24.3% 8.1% 8.1% 0.0%  FREQ% 16.7% 20.0%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000	(#) 0 1 3 3 25 61 230 360 371 343 182 80 46 24	(Bq/kg) -250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215	0.0% 0.1% 0.2% 0.2% 1.4% 3.5% 13.1% 20.5% 21.2% 19.6% 10.4% 4.6% 2.6% 1.4%	(kBq)  4  8  12  16  20  24  28  32  36  40  44  48  52  56	(#) 4 37 14 1 0 0 2 1 0 0 0 2 0 0 0 0 0		6.0% 55.2% 20.9% 1.5% 0.0% 3.0% 1.5% 0.0% 0.0% 0.0% 0.0%
DET 1 2 3 4 5 6 7 8 OTAL 2-GAT DET 9 10 11	SORTS  2  8  9  9  3  3  0  37  TE SORTS  5  6  7	FREQ% 5.4% 21.6% 24.3% 8.1% 8.1% 0.0%  FREQ% 16.7% 20.0% 23.3%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000 14000	(#) 0 1 3 3 25 61 230 360 371 343 182 80 46 24 10	(Bq/kg) -250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250	0.0% 0.1% 0.2% 0.2% 1.4% 3.5% 13.1% 20.5% 21.2% 19.6% 10.4% 4.6% 2.6% 1.4% 0.6%	(kBq)  4  8  12  16  20  24  28  32  36  40  44  48  52  56  60	(#) 4 37 14 1 0 0 2 1 0 0 0 2 0 0 0 0 0 0		6.0% 55.2% 20.9% 1.5% 0.0% 0.0% 3.0% 1.5% 0.0% 0.0% 0.0% 0.0% 0.0%
DET 1 2 3 4 5 6 7 8 OTAL 2-GAT DET 9 10 11 12	SORTS 2 8 9 9 3 3 3 0 37 TE SORTS 5 6 7 7	FREQ% 5.4% 21.6% 24.3% 8.1% 8.1% 0.0%  FREQ% 16.7% 20.0% 23.3% 23.3%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000 14000 16000	(#) 0 1 3 3 25 61 230 360 371 343 182 80 46 24 10 5	(Bq/kg) -250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286	0.0% 0.1% 0.2% 0.2% 1.4% 3.5% 13.1% 20.5% 21.2% 19.6% 10.4% 4.6% 2.6% 1.4% 0.6% 0.3%	(kBq)  4  8  12  16  20  24  28  32  36  40  44  48  52  56  60  64	(#) 4 37 14 1 0 0 2 1 0 0 0 2 0 0 1		6.0% 55.2% 20.9% 1.5% 0.0% 0.0% 3.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%
DET 1 2 3 4 5 6 7 8 OTAL 2-GAT DET 9 10 11 12 13	SORTS 2 8 9 9 3 3 3 0 37 TE SORTS 5 6 7 7 2	FREQ% 5.4% 21.6% 24.3% 8.1% 8.1% 0.0%  FREQ% 16.7% 20.0% 23.3% 23.3% 6.7%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 4000 6000 8000 10000 12000 14000 16000 18000	(#) 0 1 3 3 25 61 230 360 371 343 182 80 46 24 10 5 8	(Bq/kg) -250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322	0.0% 0.1% 0.2% 0.2% 1.4% 3.5% 13.1% 20.5% 21.2% 19.6% 10.4% 4.6% 2.6% 1.4% 0.6% 0.3% 0.5%	(kBq)  4  8  12  16  20  24  28  32  36  40  44  48  52  56  60  64  68	(#) 4 37 14 1 0 0 2 1 0 0 0 0 1 0		6.0% 55.2% 20.9% 1.5% 0.0% 0.0% 3.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%
DET  1 2 3 4 5 6 7 8 TOTAL  DET 9 10 11 12 13 14	SORTS  2 8 9 9 3 3 0 37  TE SORTS 5 6 7 7 2 1	FREQ% 5.4% 21.6% 24.3% 8.1% 8.1% 6.1% 16.7% 20.0% 23.3% 23.3% 6.7% 3.3%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 4000 6000 8000 10000 12000 14000 16000 18000 20000	(#) 0 1 3 3 25 61 230 360 371 343 182 80 46 24 10 5 8 0	(Bq/kg) -250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358	0.0% 0.1% 0.2% 0.2% 1.4% 3.5% 13.1% 20.5% 21.2% 19.6% 10.4% 4.6% 2.6% 1.4% 0.6% 0.3% 0.5% 0.0%	(kBq)  4  8  12  16  20  24  28  32  36  40  44  48  52  56  60  64  68  72	(#) 4 37 14 1 0 0 2 1 0 0 0 0 1 0 1		6.0% 55.2% 20.9% 1.5% 0.0% 0.0% 3.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%
DET  1 2 3 4 5 6 7 8 TOTAL  DET 9 10 11 12 13 14 15	SORTS  2  8  9  9  3  3  0  37  TE SORTS  5  6  7  7  2  1  2	FREQ% 5.4% 21.6% 24.3% 8.1% 8.1% 0.0%  FREQ% 16.7% 20.0% 23.3% 23.3% 6.7%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 4000 6000 8000 10000 12000 14000 16000 18000 20000 22000	(#) 0 1 3 3 25 61 230 360 371 343 182 80 46 24 10 5 8 0 0	(Bq/kg) -250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358 394	0.0% 0.1% 0.2% 0.2% 1.4% 3.5% 13.1% 20.5% 21.2% 19.6% 10.4% 4.6% 2.6% 1.4% 0.6% 0.3% 0.5% 0.0%	(kBq)  4  8  12  16  20  24  28  32  36  40  44  48  52  56  60  64  68  72  76	(#) 4 37 14 1 0 0 2 1 0 0 0 0 1 0 1 0		6.0% 55.2% 20.9% 1.5% 0.0% 0.0% 3.0% 0.0% 0.0% 0.0% 0.0% 1.5% 0.0% 0.0% 1.5% 0.0% 0.0%
DET  1 2 3 4 5 6 7 8 TOTAL  DET 9 10 11 12 13 14 15	SORTS  2 8 9 9 3 3 0 37  TE SORTS 5 6 7 7 2 1	FREQ% 5.4% 21.6% 24.3% 8.1% 8.1% 6.1% 16.7% 20.0% 23.3% 23.3% 6.7% 3.3%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 12000 12000 14000 16000 18000 20000 22000 24000	(#) 0 1 3 3 25 61 230 360 371 343 182 80 46 24 10 5 8 0 0	(Bq/kg) -250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358 394 429	0.0% 0.1% 0.2% 0.2% 1.4% 3.5% 13.1% 20.5% 21.2% 19.6% 10.4% 4.6% 2.6% 1.4% 0.6% 0.3% 0.5% 0.0% 0.0%	(kBq)  4  8  12  16  20  24  28  32  36  40  44  48  52  56  60  64  68  72  76  80	(#) 4 37 14 1 0 0 2 1 0 0 0 1 0 1 0 0		6.0% 55.2% 20.9% 1.5% 0.0% 0.0% 3.0% 1.59% 0.0% 0.0% 0.0% 0.0% 1.5% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%
DET  1 2 3 4 5 6 7 8 TOTAL  2-GAT  DET 9 10 11 12 13 14	SORTS  2  8  9  9  3  3  0  37  TE SORTS  5  6  7  7  2  1  2	FREQ% 5.4% 21.6% 24.3% 8.1% 8.1% 6.1% 16.7% 20.0% 23.3% 23.3% 6.7% 3.3%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 12000 12000 14000 16000 18000 22000 22000 24000 26000	(#) 0 1 3 3 25 61 230 360 371 343 182 80 46 24 10 5 8 0 0	(Bq/kg) -250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358 394 429 465	0.0% 0.1% 0.2% 0.2% 1.4% 3.5% 13.1% 20.5% 21.2% 19.6% 10.4% 4.6% 2.6% 1.4% 0.6% 0.3% 0.5% 0.0% 0.0% 0.0%	(kBq)  4  8  12  16  20  24  28  32  36  40  44  48  52  56  60  64  68  72  76  80  84	(#) 4 37 14 1 0 0 2 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0		6.0% 55.2% 20.9% 1.5% 0.0% 0.0% 3.0% 1.5% 0.0% 0.0% 0.0% 0.0% 1.5% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%
DET  1 2 3 4 5 6 7 8 TOTAL  DET 9 10 11 12 13 14 15	SORTS  2  8  9  9  3  3  0  37  TE SORTS  5  6  7  7  2  1  2	FREQ% 5.4% 21.6% 24.3% 8.1% 8.1% 6.1% 16.7% 20.0% 23.3% 23.3% 6.7% 3.3%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 12000 12000 14000 16000 18000 20000 22000 24000	(#) 0 1 3 3 25 61 230 360 371 343 182 80 46 24 10 5 8 0 0	(Bq/kg) -250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358 394 429	0.0% 0.1% 0.2% 0.2% 1.4% 3.5% 13.1% 20.5% 21.2% 19.6% 10.4% 4.6% 2.6% 1.4% 0.6% 0.3% 0.5% 0.0% 0.0%	(kBq)  4  8  12  16  20  24  28  32  36  40  44  48  52  56  60  64  68  72  76  80	(#) 4 37 14 1 0 0 2 1 0 0 0 1 0 1 0 0		6.0% 55.2% 20.9% 1.5% 0.0% 0.0% 3.0% 1.5% 0.0% 0.0% 0.0% 0.0% 1.5% 0.0% 0.0% 0.0% 0.0% 0.0%

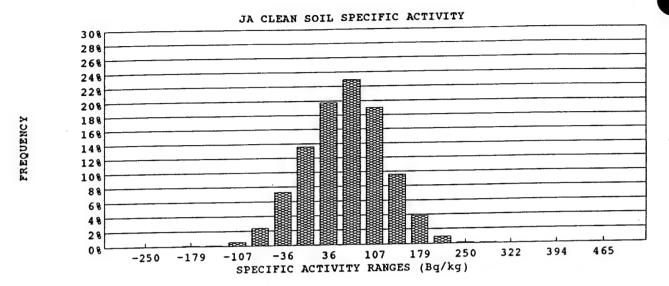


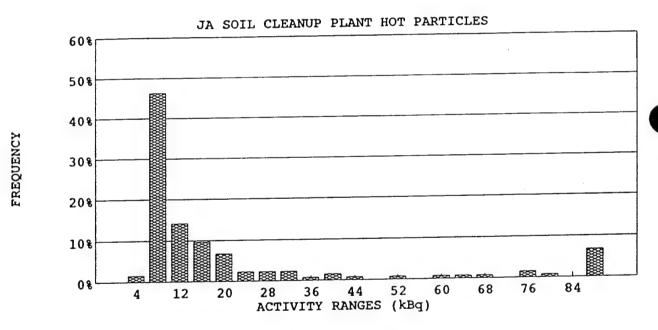


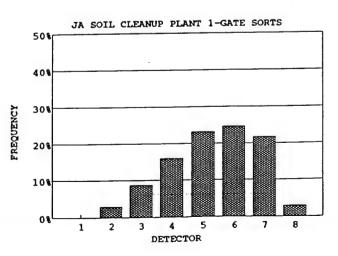


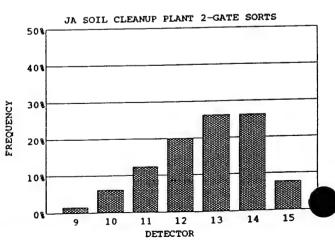


SORT	ER3							-Feb-94		
	SC	ORTER SOIL	DENSITY	1.20 tor			ACKGROUND			0.02 c
SOIL					CONTAM	INATED	CLEAN		TOTA	
	MASS TOTA	AL			0.5	tons	99.2 tons		99.6 t	ons
]	MAXIMUM	/SORT			58.1	kg	55.9 kg			
1	MINIMUM	SORT			0.7	kg	48.2 kg			
•	VOLUME	N-GROUNE	)		0.4	yd³	78.6 yd³		79.0 y	rd3
•	WEIGHT R	ECOVERY (	CLEAN/(HOT	+CLEAN)	)	99.5%				
ACTI	VITY						DISPERSE	D + PARTIC	CLE	
11011					PART	Tale	тон	C	LEAN	
	TOTAL				10,135	kBq	4,309 kBq		4,408 k	æ
	MAXIMUM	I KORT			2,502	•	1,260 kBq		14 k	Вq
	MINIMUM					kBq	0 Bq		-10 k	Вq
	SPECIFIC A						9,327 Bq/kg		44 E	3q/kg
SORT										
		OCESS PERI	ODS				1.782	U	NEXP	PAUSE
			ODS ENTS SORT (I	AD>08MN	ID=0)	1	1,700	7	пме	ПМЕ
			& MD=0 & M		0)	1,381		N	one	08:52
	E.	OME(VD=0)	& MD=0 & M &0 <md<mn< td=""><td>Dmar&amp;MNI</td><td>D<mndmax)< td=""><td></td><td></td><td></td><td></td><td></td></mndmax)<></td></md<mn<>	Dmar&MNI	D <mndmax)< td=""><td></td><td></td><td></td><td></td><td></td></mndmax)<>					
			D RECORDS		0					
	O.		<ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>		0					
			D=0 & MD>		0					
			D<0& MD>		0					
	2-SEC CO	UNT PERIOD					17,820			
,			EDS WITH SC	RTS		134				
			DS WITHOU			17,686				
			RDS (2-s SC		-s PERIODS	5)	1,916			
,	NONPROC	ESSING REC	ORDS (Test, o	alibration, e	etc)	•	5			
		TDETECTO			,					
•		DET	89	66.4%		5 DET	2	1.5%		
	_	DET	31	23.1%		6 DET	0	0.0%		
		DET	8	6.0%		7 DET	0	0.0%		
		DET .	4	3.0%		8 DET	0	0.0%		
			EEN 2-SEC	SORTS	400.4	sec				
			BUTION							
		DISTRI		NUM	SPEC_A	EDEO%	ACT_P	NUM		FREQ%
-	ESORTS	ED EOW	ACT_ND		(Bq/kg)	PREQ70	(kBq)	(#)		
	SORTS	FREQ%	(Bq)	(#)	-250	0.0%	4	2		1.5%
1	0	0.0%	-14000 -12000	0	-215	0.0%	8	62		46.3%
2	2	2.9%	-12000 -10000	1	-179	0.0%	12	19		14.2%
3	6	8.7% 15.0%		I I	-179 -143	0.1%	16	13		9.7%
4	11	15.9%	-8000 -6000	9	-143 -107	0.1%	20	9		6.7%
5	16	23.2% 24.6%	-4000 -4000	42	-72	2.4%	24	3		2.2%
6	17	24.6%	-2000	130	-36	7.3%	28	3		2.2%
7	15	21.7%	-2000	242	-30	13.5%	32	3		2.2%
ِ ة تمتحد	2	L.¥70	2000	353	36	19.8%	36	1		0.7%
TOTAL	69		4000	410	72	22.9%	40	2		1.5%
2 CAT	TC COPTE		6000	340	107	19.0%	44	1		0.7%
	ESORTS	FREQ%	8000	171	143	9.6%	48	0		0.0%
	SORTS	1.5%	10000	68	179	3.8%	52	1		0.7%
9	1		12000	17	215	1.0%	56	0		0.0%
10	4	6.2%	14000	2	250	0.1%	60	1		0.7%
11	8	12.3%	16000	1	286	0.1%	64	1		0.7%
12	13	20.0%	18000	0	322	0.1%	68	i		0.7%
13	17	26.2%	20000	0	358	0.0%	72	Ö		0.0%
14	17	. 26.2%	22000	0	394	0.0%	76	2		1.5%
15 .	5	7.7%	24000	0	429	0.0%	80	1		0.7%
TOTAL	65		26000	0	465	0.0%	84	0		0.0%
			>28000	0	0	0.0%	>84	9		6.7%
			TOTAL	1,787	U	0.070	TOTAL	134		
			IUIAL	1./0/						

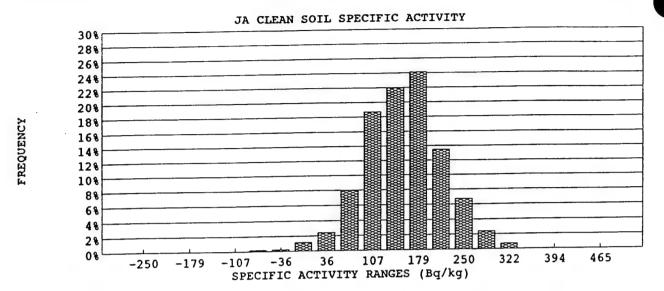


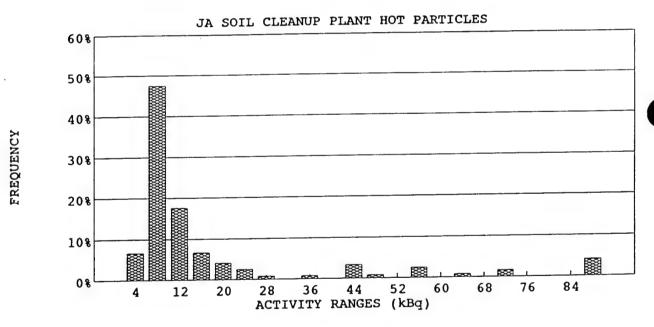


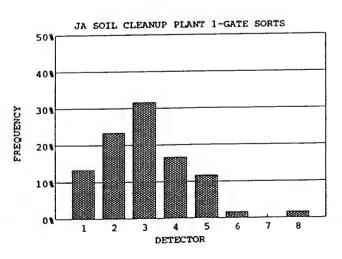


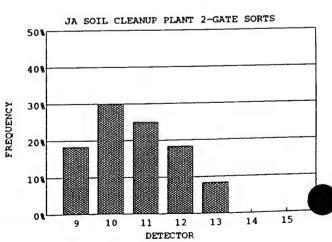


SORT	FR A						0	9-Feb-94		
301(1)		ORTER SOIL	DENSITY	1.20 ton	is/m³	В	ACKGROUND		0.60	t 0.02 c/s
SOIL					CONTAM	INATED	CLEAN		TOTA	AL.
	AASS TOTA	AL.			0.6	tons	98.7 tons	5	99.2 1	tons
N	MUMIXAN	SORT			58.7		55.9 kg			
N	AINIMUM/	SORT			0.7	-	49.6 kg			
		N-GROUND			0.4	•	78.2 yd³		78.7 y	/d³
		ECOVERY (	CLEAN/(HOT	+CLEAN))		99.4%				
ACTIV	/ITY							SED + PART		
					PART		НОТ		CLEAN	_
7	OTAL				3,371	•	1,917 kBq	•	13,809 1	•
N	MUMIXAN	SORT			797	•	565 kBq	1	18 1	•
_	/MUMININ				3	kBq	(2,071)Bq	ka	-5 I	Bq/kg
	PECIFIC A	CHVITY					3,481 Bq/	v8	140 1	Jq/kg
SORTS	S									DATION
2		OCESS PERI					1,775			PAUSE
			ENTS SORT (		D=0)	2			TIME	TIME 06:13
	N	ONE (AD=0	& MD=0 & M	ND>0)		1,300			06:18	06:13
	SC	ME(AD>08	k0 <md<mn< td=""><td>Dmax&amp;MNI</td><td>(MNDmax) מ</td><td>473</td><td></td><td></td><td></td><td>00.15</td></md<mn<>	Dmax&MNI	(MNDmax) מ	473				00.15
	U		D RECORDS <ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>		0					
			D=0 & MD>		0					
			D<0 & MD>		1					
2	-SEC COI	INT PERIOD		•	-		17,750			
-			DS WITH SC	ORTS		120				
	_		DS WITHOU			17,630				
7			ORDS (2-s SC		-s PERIODS	5)	1,895			
			ORDS (Test, o				1			
2	-SEC SOR	TDETECTO	RS							
	1 1	DET	87	72.5%		5 DET	0	0.0%		
	2 1	DET	25	20.8%		6 DET	0	0.0%		
		DET	7	5.8%		7 DET	0	0.0% 0.0%		
		DET	1	0.8%		8 DET	U	0.0%		
			EEN 2-SEC		408.0	sec				
FREQ	UENCY	DISTRI	BUTION	5						ED EOW
1-GATE	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		6.7%
1	8	13.3%	-14000	0	-250	0.0%	4	8 57		47.5%
2	14	23.3%	-12000	0	-215	0.0%	8 12	21		17.5%
3	19	31.7%	-10000	0	-179 -143	0.0% 0.0%	16	8		6.7%
4	10	16.7% 11.7%	-8000 -6000	0	-143 -107	0.0%	20	5		4.2%
5	7 1	11.7%	-4000 -4000	3	-72	0.2%	24	3		2.5%
6 7	0	0.0%	-2000	4	-36	0.2%	28	1		0.8%
, R	1	1.7%	0	21	0	1.2%	32	0		0.0%
TOTAL	60	2.770	2000	43	36	2.4%	36	1		0.8%
	•		4000	141	72	7.9%	40	0		0.0%
2-GATE	ESORTS		6000	332	107	18.7%	44	4		3.3%
	SORTS	FREQ%	8000	390	143	22.0%	48	1		0.8%
9	11	18.3%	10000	428	179	24.1%	52	0		0.0%
10	18	30.0%	12000	239	215	13.5%	56	3		2.5%
11	15	25.0%	14000	120	250	6.8%	60	0		0.0%
12	11	18.3%	16000	42	286	2.4%	64	1		0.8% 0.0%
13	5	8.3%	18000	13	322	0.7%	68	0		1.7%
14	0	0.0%	20000	0	358	0.0%	72	2		0.0%
15	0	0.0%	22000	0	394	0.0%	76	0		0.0%
TOTAL	60		24000	0	429	0.0%	80	0		0.0%
			726000	0	465	0.0%	84	5		4.2%
			>28000	1 776	0	0.0%	>84 TOTAL	120	-	1.270
-	T/DEC	****	TOTAL	1,776	404	Diec	166	120		
<b>EVENTT</b>	YPES	HPE	125	MPE	494	DISE	100			









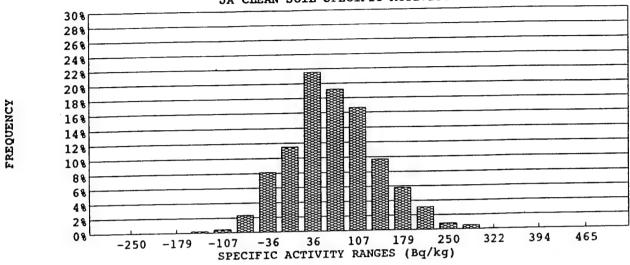
# WORK HISTORY - JA SOIL CLEANUP PLANT 10-Fcb-94

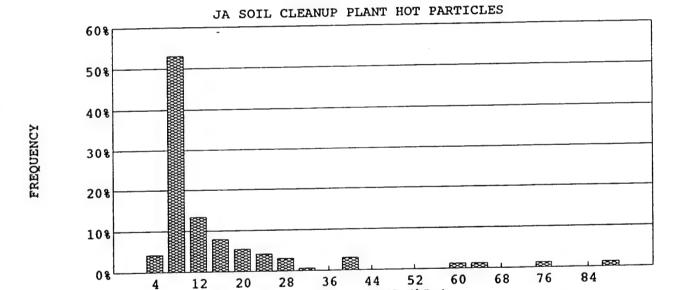
WORK DAY START	05:45 AM		WORK DAY E		16:30 PM	
LUNCH START	11:00 AM		TIME LOST D	URING LUNCH	0.0 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL
						(sorter hours)
WORK HOURS		10.8 hr	10.8 hr	10.8 hr	10.8 hr	43.0 hr
SORTER AVAILABLE HOURS		10.5 hr	10.5 hr	10.5 hr	10.5 hr	42.0 hr
SORTER START-UP		05:45	05:45	05:45	05:45	
START SOIL PROCESSING		06:04	06:04	06:05	06:05	
TIME REQUIRED TO START-	UP	0.3 hr	0.3 hr	0.3 hr	0.3 hr	1.3 hr
SORTER SHUT-DOWN		16:15	16:15	16:15	16:15	
END SOIL PROCESSING		15:54	15:52	15:53	15:45	
TIME REQUIRED TO SHUT DO	NWO	0.3 hr	0.4 hr	0.4 hr	0.5 hr	1.6 hr
ACTUAL PROCESS HOURS		9.8 hr	9.8 hr	9.8 hr	9.7 hr	39.1 hr
DOWN-TIME		0.7 hr	0.7 hr	0.7 hr	0.8 hr	2.9 hr
SYSTEM PAUSE		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
SORTER NONAVAILABLE TIM	E	0.3 hr	0.3 hr	0.3 hr	0.3 hr	1.0 hr
AUTHORIZED DELAY TIME		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
PLANT PERFORMANCE						93.2%
PRODUCTIVTY						91.0%
PRODUCTIVITY						
Date	1	10-Feb-94	Ex	cused Delays for d	ay (sorter-hrs)	0 hr
Contract day (from 6 Sep)		124	Ex	cused delays for co	entract (sorter-hrs)	1,601 hr
Current Contract week		21	Ex	cused delay days (p	olant – days)	40 days
			Ex	cused delay month	s (plant-month)	1.54 months
Soil production for Day		394 MT				
Cumlative Soil Production for Wee	k	1,560 MT	Pe	rcent of contract co	ompleted	33.6%
Total Soil production for contract			То	ns Ahead or Behin	d Schedule	1,651 MT
Since 6 Sep 93		32,045 MT	Da	ys ahead or behind	l schedule	5 days
Since 6 Aug 93		33,636 MT				
Total Soil production for project		59,923 MT				

MT = metric tons

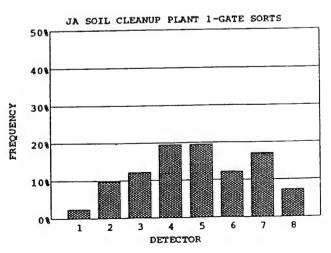
SORTI	ER 1							10-Feb-94		
		RTER SOIL	DENSITY	1.20 ton			ACKGROUNI		0.68	
SOIL					CONTAM	INATED	CLEAN	I	TOTA	
	AASS TOTA	IL.			0.2 t		98.8 to		99.0 t	ons
N	AXIMUM	SORT			4.2 1	_	55.9 kg			
	AINIMUM/				0.7 1	_	51.7 kg 78.3 yd		78.5 y	rd3
V	OLUME II	N-GROUND		. ~ ~ ~	0.2 y	99.8%	78.3 yu		70.5 y	•
		ECOVERY (C	CLEAN/(HOT	+CLEAN))		99.070	DICE	RSED + PARTI	CLE	
ACTIV	/ITY				D 4 D 27	I.O. F	HOT		CLEAN	
					PART		961 kI		5,085 k	Ba
	TOTAL				2,176 l 106 l	•	74 kI	•	16 k	•
	MUMIXAN					кВq	0 B	•	-9 k	•
	AINIMUM/				,	md	4,200 B	•	51 E	3q/kg
	PECIFIC A	CHVITY								
SORTS	S						1,771		UNEXP	PAUSE
2	0-SEC PR	OCESS PERIO	ODS	4D- 0010	m-0,	0	1,//1		TIME	TIME
	Al	L 80 ELEME	NTS SORT (	MD>U&MN	(ח=תו	1.565			None	None
	N	ONE (AD=0	& MD=0 & M	ND>0)	D-MND-a-1	206				
	SC	ME(AD>08	W/MD/MN	Umax&MN!	D <mndmax) 0</mndmax) 	200				
	U		D RECORDS <ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>		0					
			CAD< 1kbq o		0					
			D=0& MD> D<0& MD>		0					
2	-sec cor	INT PERIOD		-			17,710			
2	2-	SEC RECOR	DS WITH SO	RTS		164				
	2-	SEC RECOR	DS WITHOU	T SORTS		17,546				
7	TOTAL PRO	CESS RECO	RDS (2-s SC	RTS and 20	-s PERIODS	)	1,935			
1	NONPROC	ESSING REC	ORDS (Test, o	alibration, e	tc)		3			
2	-SEC SOR	TDETECTO					0	0.0%		
		DET	125	76.2%		S DET S DET	0	0.0%		
		DET	34	20.7%		DET DET	0	0.0%		
		DET	5	3.0% 0.0%		BDET	0	0.0%		
		DET	EEN 2-SEC		283.4					
SD EO	TICALOX	DICTDI	DI ITION	C						
		DISTRI	BUTION	NTIM	SPEC_A	FR FO%	ACT P	NUM		FREQ%
	ESORTS		ACT_ND	NUM	(Bq/kg)	FREQN	(kBq)	(#)		
	SORTS	FREQ%	(Bq) -14000	(#) 0	-250	0.0%	4	7		4.3%
1	2	2.4%	-12000	0	-215	0.0%	8	87		53.0%
2	8	9.8%	-10000	0	-179	0.0%	12	22		13.4%
3	10 16	12.2% 19.5%	-8000	4	-143	0.2%	16	13		7.9%
4 5	16 16	19.5%	-6000	8	-107	0.5%	20	9		5.5%
6	10	12.2%	-4000	41	-72	2.3%	24	7		4.3%
7	14	17.1%	-2000	144	-36	8.1%	28	5		3.0%
8	6	7.3%	0	204	0	11.5%	32	1		0.6% 0.0%
TOTAL	82		2000	382	36	21.5%	36	0 5		3.0%
			4000	340	72	19.2%	40 44	0		0.0%
	ESORTS		6000	295	107	16.6% 9.7%	48	0		0.0%
DET	SORTS	FREQ%	8000	172	143 179	9.1% 5.9%	52	0		0.0%
9	9	11.0%	10000	104 55	215	3.1%	56	0		0.0%
10	9	11.0%	12000 14000	33 15	250	0.8%	60	2		1.2%
11	11	13.4%	16000	9	286	0.5%	64	2		1.2%
12	16	19.5% 22.0%	18000	1	322	0.1%	68	0		0.0%
13	18		20000	0	358	0.0%	. 72	0		0.0%
14	8	9.8%	22000	0	394	0.0%	76	2		1.2%
15_	11	13.4%	24000	0	429	0.0%	80	0		0.0%
TOTAL	82			0	465	0.0%	84	0		0.0%
			26000		0	0.0%	>84	2		1.2%
			>28000 _ TOTAL	1,774	U	0.070	TOTAL	164		

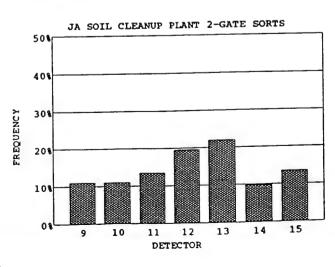






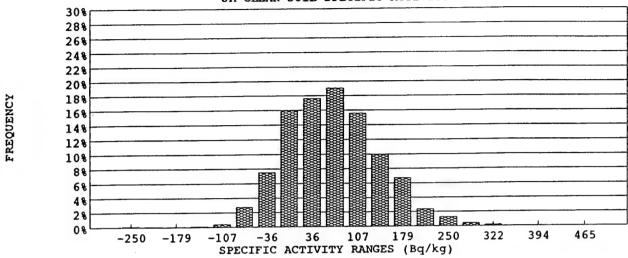
ACTIVITY RANGES (kBq)

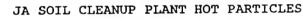


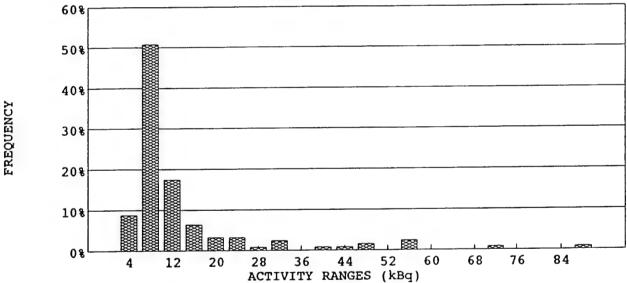


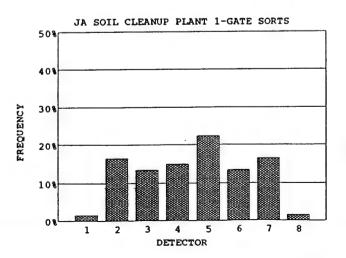
CODA	PED 2							10-Feb-94		
SORT		ORTER SOIL	DENSITY	1.20 to	ns/m³	I	BACKGROUNI		0.79 :	± 0.03 c
SOIL	31	JKILK SOIL	DENSTI	1.20 (0	CONTAM	INATED	CLEAN	I	TOTA	AL.
	MASS TOT	ΔĬ			1.0	tons	97.8 to	ns	98.7 t	ons
	MAXIMUM				55.9	kg	55.9 kg	;		
	MINIMUM				0.7	kg	51.0 kg		<b>5</b> 0.0	
	VOLUME	N-GROUND	•		0.8	•	77.5 yd	3	78.3 y	'd'
	WEIGHTR	ECOVERY (	LEAN/(HOT	+CLEAN)	)	99.0%				
ACTI	VITY							RSED + PART		
					PART		нот		CLEAN	-5-
	TOTAL				1,501	•	1,885 kF		4,952 1	-
	MAXIMUM					kBq LDo	48 kF 0 Be	•	-83	_
	MINIMUM				3	kBq	1,972 Bo	•		3q/kg
	SPECIFIC A	CHVITY					1,772 2.0	1/ h		
SORT							1,766		IINEXP	PAUSE
	20-SEC PR	OCESS PERI	ODS	(D. 001()	m - 0)	4	1,700		TIME	TIME
		LL 80 ELEME			ND=U)	1,061			10:36	None
	N	ONE (AD=0	MD=U&M	Dmax&MM Dmax&MM	D <mndmax)< td=""><td>,</td><td></td><td></td><td></td><td></td></mndmax)<>	,				
	S	OME (AD>08 NEXPLAINE	D BECOBDS M <wd<wv< td=""><td>DINAXOMIN</td><td>ע (אפווומינזאיי</td><td>, , , , ,</td><td></td><td></td><td></td><td></td></wd<wv<>	DINAXOMIN	ע (אפווומינזאיי	, , , , ,				
	U		<ad<1kbq &<="" td=""><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>		1					
			D=0 & MD>		0					
			D<0 & MD >		0					
	2-SEC CO	UNT PERIOD					17,660			
	2.	-SEC RECOR	DS WITH SO	RTS		126				
	2-	-SEC RECOR	DS WITHOU	TSORTS		17,534				
	TOTAL PR	OCESS RECO	RDS (2-s SC	RTS and 20	)-s PERIODS	5)	1,892			
	NONPROC	ESSING REC	ORDS (Test, o	alibration,	etc)		7			
		RT DETECTO		<b></b>		CDET	0	0.0%		
	-	DET	96	76.2%		5 DET 6 DET	0	0.0%		
		DET	27	21.4% 2.4%		DET DET	0	0.0%		
		DET	3 0	0.0%		8 DET	0	0.0%		
		DET TIME BETW	_		367.9					
CD EC	TIENICY	Y DISTRI	BUTTON	S						
		DISTRI	ACT_ND	NUM	SPEC_A	FREO%	ACT_P	NUM		FREQ%
	TE SORTS SORTS	FREO%	(Bq)	(#)	(Bq/kg)	111247	(kBq)	(#)		
DET	50K 15	1.5%	-14000	2	-250	0.1%	4	11		8.7%
1 2		16.4%	-12000	1	-215	0.1%	8	64		50.8%
3	9	13.4%	-10000	1	-179	0.1%	12	22		17.5%
4	10	14.9%	-8000	2	-143	0.1%	16	8		6.3%
5	15	22.4%	-6000	7	-107	0.4%	20	4		3.2%
6	9	13.4%	-4000	48	-72	2.7%	24	4		3.2% 0.8%
7		16.4%	-2000	133	-36	7.5%	28	1 3		2.4%
8	1	1.5%	0	283	0	16.0% 17.6%	32 36	0		0.0%
TOTAL	67		2000	312 337	36 72	17.6%	40	1		0.8%
	m.co		4000 6000	276	107	15.6%	44	1		0.8%
	TESORTS	FREQ%	8000	176	143	9.9%	48	2		1.6%
DET		6.8%	10000	119	179	6.7%	52	0		0.0%
9 10		13.6%	12000	42	215	2.4%	56	3		2.4%
11		13.6%	14000	23	250	1.3%	60	0		0.0%
12		20.3%	16000	8	286	0.5%	64	0		0.0%
13		18.6%	18000	3	322	0.2%	68	0		0.0%
14		18.6%	20000	0	358	0.0%	72	1		0.8%
15		8.5%	22000	0	394	0.0%	76	0		0.0%
TOTAL	59		24000	0	429	0.0%	80	0		0.0%
			26000	0	465	0.0%	84	0		0.0%
			>28000 _	0	0	0.0%	>84 _	1		0.8%
			TOTAL	1,773			TOTAL	126		
							310			

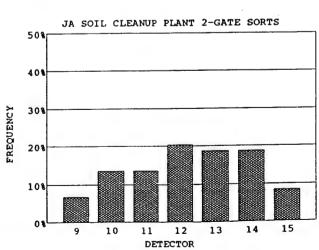




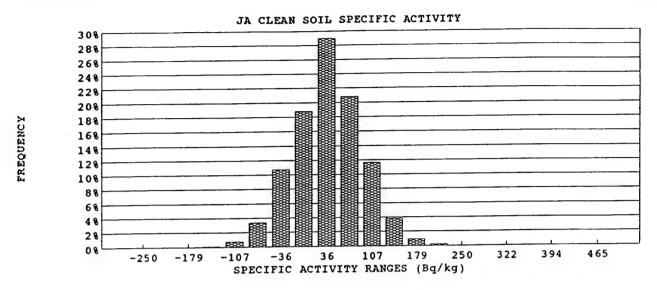


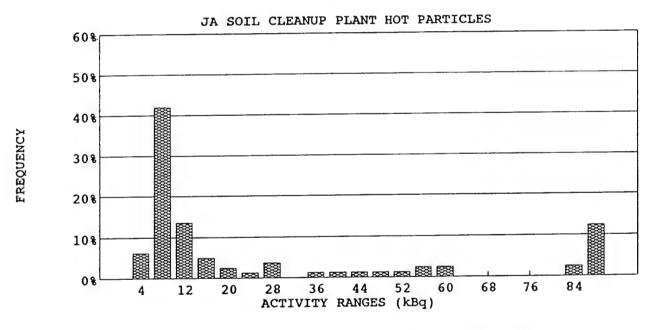


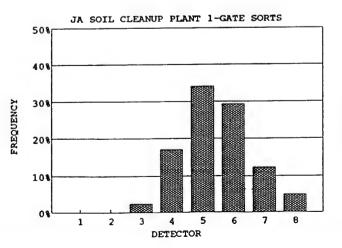


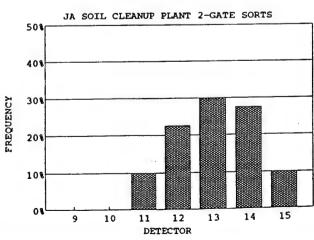


SORT	FR 3							10-Feb-94		
SOKI		ORTER SOIL	DENSITY	1.20 to	ns/m³		BACKGROU	ND	0.63 t	0.01 c
SOIL		OKTEKOOIE	000			MINATED	CLEA	W	TOTAL	
	MASS TOT.	AL			0.2	tons	98.3		98.6 to	ns
1	MAXIMUM	I/SORT			10.5	•	55.9	U		
1	MINIMUM	SORT			0.7	•	45.4	-	<b></b>	_
		N-GROUNI			0.2	•	78.0	yd³	78.1 yd	3
•	WEIGHTR	ECOVERY (	CLEAN/(HO)	(+CLEAN	)	99.8%				-
ACTI	VITY						DISI	PERSED + PART		
					PART	<b>TICLE</b>	нот		CLEAN	
	TOTAL				24,569	•	8,120	•	2,019 kB	-
1	MAXIMUM	/SORT			10,728	kBq	7,183	•	12 kB	•
1	MINIMUM	SORT			3	kBq		Bq	−9 kB	•
	SPECIFIC A	CTIVITY					38,034	Bq/kg	21 Bq	/kg
SORT	'S									
:	20-SEC PR	OCESS PERI	ODS				1,763		UNEXP F	
			ENTS SORT (		$\sqrt{D}=0$	0				пме
	N	ONE(AD=0	& MD=0 & M	(ND>0)		1,535			14:48	10:30
	SC	OME(AD>0	%0 <md<mn< td=""><td>Dmax&amp;MN</td><td>D<mndmax)< td=""><td>228</td><td></td><td></td><td></td><td></td></mndmax)<></td></md<mn<>	Dmax&MN	D <mndmax)< td=""><td>228</td><td></td><td></td><td></td><td></td></mndmax)<>	228				
		NEXPLAINE	D RECORDS		0					
		0	<ad<1kbq &<="" td=""><td>k MD&gt;0</td><td>1</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>	k MD>0	1					
			D=0 & MD>		0					
			D<0 & MD >	•0	0					
:		UNTPERIOR					17,630			
			RDS WITH SO			81				
	2-	-SEC RECOR	RDS WITHOU	JT SORTS		17,549	4.044			
•	TOTAL PRO	OCESS RECO	ORDS (2-s SC	ORTS and 20	-s PERIODS	5)	1,844			
1	NONPROC	ESSING REC	ORDS (Test,	calibration, e	etc)		4			
3		TDETECTO		48.0×		e ner	1	1.2%		
		DET	55	67.9%		5 DET	0	0.0%		
		DET	19	23.5%		6 DET	0	0.0%		
		DET	4	4.9%		7 DET 8 DET	0	0.0%		
		DET	2	2.5%	641.1		Ū	0.070		
	AVERAGE	HMEBELW	EEN 2-SEC	IC	041.1	300				
FREQ	UENC	DISTRI	BUTION					N# 13 4	r	REO%
1-GAT	<b>ESORTS</b>		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM	r	KEQ%
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		6.2%
1	0	0.0%	-14000	0	-250	0.0%	4	5		42.0%
2	0	0.0%	-12000	0	-215	0.0%	8	34 11		42.0% 13.6%
3	1	2.4%	-10000	0	-179	0.0%	12	4		4.9%
4	7	17.1%	-8000	1	-143	0.1%	16	2		2.5%
5	14	34.1%	-6000	13	-107	0.7%	20 24	1		1.2%
6	12	29.3%	-4000	59	-72 -36	3.3% 10.7%	24 28	3		3.7%
7	5	12.2%	-2000	189	-36 0	18.8%	32	0		0.0%
8 .	2	4.9%	2000	332 512	36	29.0%	36	1		1.2%
TOTAL	41		2000	512 367	72	29.0%	40			1.2%
	r copre		4000	206	107	11.7%	44	1		1.2%
	ESORTS	ED COM	6000 8000	68	143	3.8%	48	1		1.2%
DE1	SORTS 0	FREQ% 0.0%	10000	16	179	0.9%	52	. 1		1.2%
10	0	0.0%	12000	4	215	0.2%	56	2		2.5%
11	4	10.0%	14000	0	250	0.0%	60	2		2.5%
12	9	22.5%	16000	0	286	0.0%	64	0		0.0%
13	12	30.0%	18000	0	322	0.0%	68	0		0.0%
14		30.0% 27.5%	20000	0	358	0.0%	72	0		0.0%
15	11 4	10.0%	22000	0	394	0.0%	76	0		0.0%
TATOTAL	40	10.0%	24000	0	429	0.0%	80	0		0.0%
UIAL	40		26000	0	465	0.0%	84	2		2.5%
			>28000	o	0	0.0%	>84	10		12.3%
			TOTAL	1,767	Ü	2.0.0	TOTAL	81		
		HPE	78	MPE	227	DISE	0			

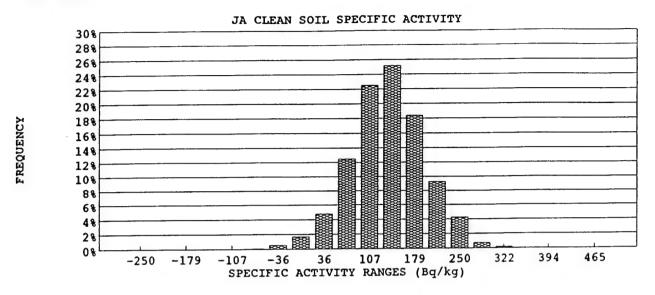


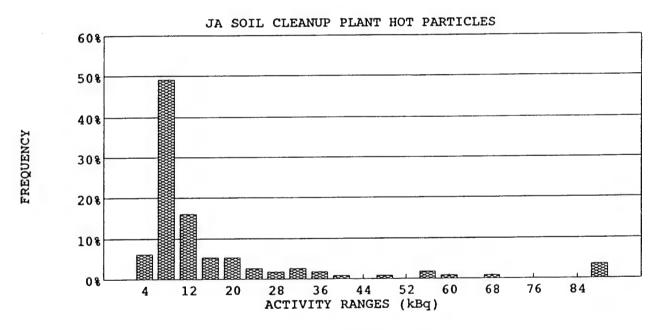


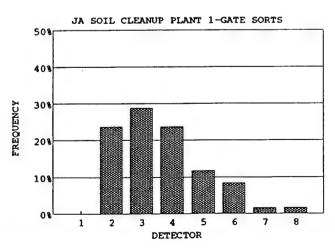


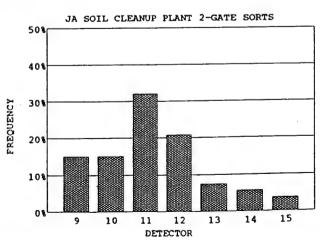


SORT	ER 4						1	0-Feb-94		
JOKI		ORTER SOIL	DENSITY	1.20 to	ons/m³	1	BACKGROUND		0.60	0.02 c
SOIL					CONTAN	MINATED	CLEAN		TOTA	IL.
	MASS TOT	'AL			0.4	tons	97.1 tons	:	97.4 t	ons
	MAXIMUM	1/SORT			4.2	-	55.9 kg			
	MINIMUM	/SORT			0.7	•	51.7 kg			
		N-GROUNE			0.3	-	77.0 yd3		77.2 y	'd3
		ECOVERY (	CLEAN/(HO	T+CLEAN	))	99.6%				
ACTI	VITY							SED + PART		
						<b>TICLE</b>	нот		CLEAN	
	TOTAL				2,132	•	1,341 kBq		11,635 k	•
	MAXIMUM					kBq	254 kBq		18 k -4 k	-
	MINIMUM				3	kBq	0 Bq 3,809 Bq/l	ko	120 H	•
	SPECIFIC A	ACHVITY					3,007 Dq/1	<u> </u>	120 1	- Arna
SORT		_					1 742		UNEXP	PATISE
		OCESS PERI		10.0014	NTD 0\	0	1,743		TIME	TIME
	Α	LL 80 ELEME	NIS SORT	MD>0&M)	(ח=תא	0 1,358			None	None
	N	ONE (AD=0	& MD=0& M	Dmov 8-14×1 Dmov 8-14×1	ID <mndmax< td=""><td></td><td></td><td></td><td></td><td></td></mndmax<>					
		OME (AD>00 NEXPLAINE			O (	, ,,,,,,				
	U		<ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>		0					
			D=0 & MD>		0					
			D<0 & MD>		0					
	2-SEC CO	UNT PERIOD		_			17,430			
		-SEC RECOR		ORTS		112				
	2-	-SEC RECOR	DS WITHOU	JT SORTS		17,318				
	TOTAL PR	OCESS RECO	ORDS (2-s SC	RTS and 2	0-s PERIODS	5)	1,855			
	NONPROC	ESSING REC	ORDS (Test, o	calibration,	etc)		2			
	2-SEC SOF	RT DETECTO	RS					0.00		
	_	DET	80	71.4%		5 DET	1	0.9% 0.0%		
		DET	26	23.2%		6 DET	0	0.0%		
		DET	4	3.6% 0.9%		7 DET 8 DET	0	0.0%		
		DET TIME BETW	TENA SEC		435.8		· ·	0.070		
					1,55.0					
		DISTRI			SPEC_A	ED EO%	ACT_P	NUM		FREQ%
	ESORTS	ED EOW	ACT_ND	NUM	(Bq/kg)	FREQ%	(kBq)	(#)		· KDQ
	SORTS	FREQ% 0.0%	(Bq) -14000	(#) 0	-250	0.0%	4	7		6.3%
1 2	0 14	23.7%	-12000	0	-215	0.0%	8	55		49.1%
3	17	28.8%	-10000	0	-179	0.0%	12	18		16.1%
4	14	23.7%	-8000	Ö	-143	0.0%	16	6		5.4%
5	7	11.9%	-6000	0	-107	0.0%	20	6		5.4%
6	5	8.5%	-4000	1	-72	0.1%	24	3		2.7%
7	1	1.7%	-2000	9	-36	0.5%	28	2		1.8%
8	1	1.7%	0	29	0	1.7%	32	3		2.7%
TOTAL	59		2000	83	36	4.8%	36	2		1.8% 0.9%
			4000	218	72	12.5%	40	1		0.9%
	ESORTS	PD 50 ***	6000	393	107	22.5%	44 48	1		0.0%
	SORTS	FREQ%	8000	439	143	25.2% 18.4%	52	0		0.0%
9	8	15.1%	10000	321	179 215	9.3%	56	2		1.8%
10	8	15.1%	12000 14000	162 74	250	4.2%	60	1		0.9%
11	17	32.1% 20.8%	16000	13	286	0.7%	64	0		0.0%
12 13	11 4	20.8% 7.5%	18000	3	322	0.2%	68	1		0.9%
14	3	5.7%	20000	o	358	0.0%	72	0		0.0%
15	2	3.8%	22000	0	394	0.0%	76	0		0.0%
TOTAL	53		24000	0	429	0.0%	.80	0		0.0%
			26000	0	465	0.0%	84	0		0.0%
			>28000 _	0	0	0.0%	>84	4		3.6%
			TOTAL	1,745			TOTAL	112		
EVENT 1	TYPES	HPE_	107	MPE	396	DISE	0			









11-Feb-94

WORK DAY START	06:00	AM		WORK DA	YEN	ND	16:30	PM		
LUNCH START	11:00	AM		TIMELOS	TDU	RING LUNCH	0.5	HR		
		SORT	ER I	SORTE	R 2	SORTER 3	SORTI	ER 4	TOTAL	L
									(sorter	hours)
WORK HOURS			10.0 hr	10.0	hr	10.0 hr	10.0	hr .	40.0	hr
SORTER AVAILABLE H	IOURS		0.0 hr	0.0	hr	0.0 hr	0.0	hr	0.0	hr
SORTER START-UP			NA	NA		NA	NA			
START SOIL PROCESSI	NG		NA	NA		NA	NA			
TIME REQUIRED TO ST			0.0 hr	0.0	hr	0.0 hr	0.0	hr	0.0	hr
SORTER SHUT-DOWN			NA	NA		NA	NA			
END SOIL PROCESSING			NA	NA		NA	NA			
TIME REQUIRED TO SE			0.0 hr	0.0	hr	0.0 hr	0.0	hr	0.0	hr
ACTUAL PROCESS HOU			0.0 hr	0.0	hr	0.0 hr	0.0	hr	0.0	hr
DOWN-TIME			0.0 hr	0.0	hr	0.0 hr	0.0	hr	0.0	hr
SYSTEM PAUSE			0.0 hr	0.0	hr	0.0 hr	0.0	hr	0.0	hr
SORTER NONAVAILAB	LETIME		10.0 hr	10.0	hr	10.0 hr	10.0	hr	40.0	hr
AUTHORIZED DELAY			10.0 hr	10.0	hr	10.0 hr	10.0	hr	40.0	hr
PLANTPERFORMANCE									NA	
PRODUCTIVTY									0.0%	
PRODUCTIVITY										
Date		11-Feb	-94		Excu	sed Delays for d	lay (sorter	-hrs)		hr
Contract day (from 6 Sep)			125		Excu	sed delays for co	ontract (so	rter-hrs)	1,641	hr
Current Contract week			21		Excu	sed delay days (	plant – day	rs)	41	days
					Excu	sed delay month	is (plant–	month)	1.58	months
Soil production for Day			0 MT	•						
Cumlative Soil Production	for Week	1,	560 MT	•	Perce	ent of contract c	ompleted		33.6%	
Total Soil production for co	ontract				Tons	Ahead or Behir	nd Schedu	le	1,651	
Since 6 S		32,	045 MT		Days	ahead or behind	d schedule	;	5	days
Since 6	Aug 93	33,	636 MT							
Total Soil production for pr	roject	59,	923 MT							

WORK DAY START	06:00	AM	WORK DAY E	ND	16:30 PM		
LUNCH START	11:00	AM	TIME LOST DI	URING LUNCH	0.5 HR		
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTA	
WORK HOURS		10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0	) hr
SORTER AVAILABLE HO	URS	0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0	hr hr
SORTER START-UP		NA	NA	NA	NA		
START SOIL PROCESSING	3	NA	NA	NA	NA		
TIME REQUIRED TO STA	RT-UP	0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0	hr
SORTER SHUT-DOWN		NA	NA	NA	NA		
END SOIL PROCESSING		NA	NA	NA	NA		
TIME REQUIRED TO SHU	JT DOWN	0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0	hr
ACTUAL PROCESS HOUR	ts	0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0	hr
DOWN-TIME		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0	hr
SYSTEM PAUSE		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0	hr
SORTER NONAVAILABLE	еттме	10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0	hr
AUTHORIZED DELAY TI	ME	10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0	hr
PLANT PERFORMANCE						NA	
PRODUCTIVTY						0.0%	
PRODUCTIVITY							
Date		12-Feb-94	Exc	used Delays for d	ay (sorter-hrs)	40	hr
Contract day (from 6 Sep)		126	Exc	used delays for co	ntract (sorter-hrs)	1,681	hr
Current Contract week		21	Exc	ısed delay days (p	olant – days)	42	days
			Ехс	ised delay month	s (plant-month)	1.62	months
Soil production for Day		0 MT					
Cumlative Soil Production for	Week	1,560 MT	Perc	ent of contract co	mpleted	33.6%	
Total Soil production for cont	ract		Tons	Ahead or Behin	d Schedule	1,651	MT
Since 6 Sep	p <b>9</b> 3	32,045 MT	Day	ahead or behind	schedule	5	days
Since 6 Au	g 93	33,636 MT	•				
Total Soil production for proj	ect	59,923 MT					

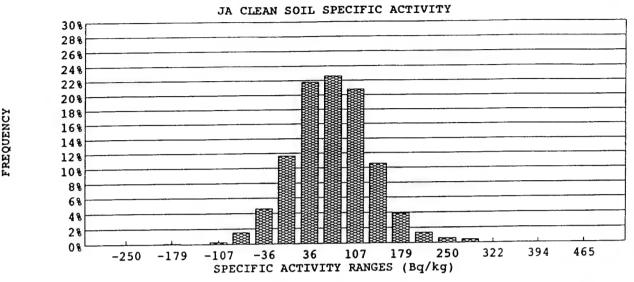
14-Feb-94

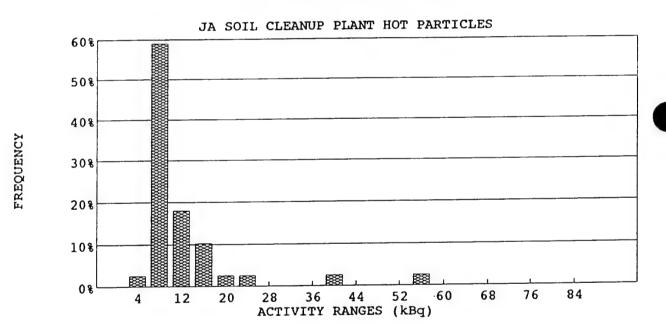
					16:20 DM	
WORK DAY START	06:00 AM		WORK DAY E		16:30 PM 0.0 HR	
LUNCH START	11:00 AM	ſ	TIME LOST DU	JRING LUNCH	0.0 HK	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL
		JOKI LIKE				(sorter hours)
WORK HOURS		10.5 hr	10.5 hr	10.5 hr	10.5 hr	42.0 hr
SORTER AVAILABLE HOU	IRS	7.5 hr	7.5 hr	7.5 hr	7.5 hr	30.0 hr
SORTER START-UP		09:00	09:00	09:00	09:00	
START SOIL PROCESSING		09:35	09:35	09:39	09:38	
TIME REQUIRED TO STAF		0.6 hr	0.6 hr	0.7 hr	0.6 hr	2.5 hr
SORTER SHUT-DOWN		16:30	16:30	16:30	16:30	
END SOIL PROCESSING		15:53	15:51	15:37	16:27	
TIME REQUIRED TO SHUT	r Down	0.6 hr	0.6 hr	0.9 hr	0.0 hr	2.2 hr
ACTUAL PROCESS HOURS		6.3 hr	6.3 hr	3.6 hr	6.7 hr	22.8 hr
DOWN-TIME		1.2 hr	1.2 hr	3.9 hr	0.8 hr	7.2 hr
SYSTEM PAUSE		0.0 hr	0.0 hr	2.4 hr	. 0.1 hr	2.6 hr
SORTER NONAVAILABLE	ТІМЕ	3.0 hr	3.0 hr	3.0 hr	3.0 hr	12.0 hr
AUTHORIZED DELAY TIM		3.0 hr	3.0 hr	3.0 hr	3.0 hr	12.0 hr
PLANT PERFORMANCE						76.1%
PRODUCTIVTY						54.4%
PRODUCTIVITY						
PRODUCTIVITI						
Date	1	14-Feb-94	Excu	ised Delays for d	ay (sorter—hrs)	12 hr
Contract day (from 6 Sep)		127	Excu	ised delays for co	ontract (sorter-hrs)	1,693 hr
Current Contract week		22	Excu	ised delay days (1	olant – days)	42 days
			Ехси	ised delay month	s (plant-month)	1.63 months
Soil production for Day		232 MT				
Cumlative Soil Production for	Week	232 MT	Perc	ent of contract co	ompleted	33.9%
Total Soil production for contra	act		Tons	Ahead or Behin	d Schedule	1,661 MT
Since 6 Sep	93	32,277 MT	Days	ahead or behind	i schedule	5 days
Since 6 Aug	93	33,868 MT				
Total Soil production for project	ct	60,155 MT				

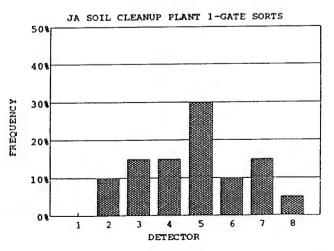
SORT								14-Feb-94		
	S	ORTER SOIL	DENSITY	1.20 to	ns/m³		BACKGROUN		0.66	
SOIL					CONTAN	MNATED	CLEAN	Ī	TOTA	
	MASS TOT	AL				tons	63.3 to		63.3 t	ons
	MAXIMUM	I/SORT			2.1		55.9 kg	·		
	MINIMUM				0.7	-	53.8 kg	•		
		N-GROUNI			0.1	-	50.1 yd	3	50.2 y	∕d³
	WEIGHTR	ECOVERY (	CLEAN/(HOT	+CLEAN)	)	99.9%				
ACTT	VITY						DISPE	RSED + PART	TICLE	
					PAR7	TALE	HOT		CLEAN	
	TOTAL				400	kBq	269 kI	3q	3,373 1	сBq
	MAXIMUM	I/SORT			53	kBq	34 kF	3q	15 I	ъBq
	MINIMUM	SORT			4	kBq	0 B	4	-7 I	-
	SPECIFIC A	ACTIVITY					3,202 B	q/kg	53 1	3q/kg
SORT	S									
		OCESS PERI	ODS				1,133		UNEXP	PAUSE
			ENTS SORT (	MD>0&M1	$\sqrt{D} = 0$	0			TIME	TIME
	N	ONE (AD=0	& MD=0 & M	ND>0)		1,043			None	None
			%0 <md<mn< td=""><td></td><td>D<mndmax< td=""><td>90</td><td></td><td></td><td></td><td></td></mndmax<></td></md<mn<>		D <mndmax< td=""><td>90</td><td></td><td></td><td></td><td></td></mndmax<>	90				
		•	D RECORDS		0					
		0	<ad<1kbq &<="" td=""><td>MD&gt;0</td><td>0</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>	MD>0	0					
			D=0 & MD>		0					
		A	D<0 & MD >	0	0					
		UNTPERIOD					11,330			
			RDS WITH SO			39				
			RDS WITHOU			11,291	1 172			
•	TOTAL PR	OCESS RECO	ORDS (2-s SO	RTS and 20	)—s PERIODS	5)	1,172			
			ORDS (Test, o	alibration, o	etc)		4			
		T DETECTO		84.00		e Dran	0	0.0%		
		DET	30	76.9%		5 DET	0	0.0%		
		DET	9	23.1%		6 DET	0	0.0%		
		DET	0	0.0% 0.0%		7 DET 8 DET	0	0.0%		
		DET	EEN 2-SEC		755.3		· ·	0.070		
					755.5	300		***		
		DISTRI	IBUTION		enno .	ED EOW	A COTE D	NUM		FREQ%
	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P			FREQ%
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	0.00	(kBq)	(#) 1		2.6%
1	0	0.0%	-14000	0	-250	0.0%	4			
2	2	10.0%	-12000	0	-215	0.0%	8	23		59.0% 17.9%
3	3	15.0%	-10000	1	-179		12	4		10.3%
4	3	15.0%	-8000	0	-143 -107	0.0% 0.3%	16 20	1		2.6%
5	6	30.0%	-6000	3	-107 -72	1.5%	20	1		2.6%
6	2	10.0%	-4000 3000	17 52	-72 -36	4.6%	28	0		0.0%
7	3	15.0%	-2000 0	52 132	-36 0	11.6%	32	0		0.0%
ِŏ *ATCAT	20	5.0%	2000	248	36	21.8%	36	0		0.0%
TOTAL	20		4000	257	72	22.6%	40	1		2.6%
1_CAT	ESORTS		6000	236	107	20.8%	44	0		0.0%
DET	SORTS	FREQ%	8000	120	143	10.6%	48	0		0.0%
9	0	0.0%	10000	44	179	3.9%	52	0		0.0%
10	3	15.8%	12000	15	215	1.3%	56	. 1		2.6%
11	3	15.8%	14000	7	250	0.6%	60	0		0.0%
12	5	26.3%	16000	5	286	0.4%	64	0		0.0%
13	4	21.1%	18000	0	322	0.0%	68	0		0.0%
14	2	10.5%	20000	0	358	0.0%	72	0		0.0%
15	2	10.5%	22000	0	394	0.0%	76	0		0.0%
TOTAL	19	10.370	24000	0	429	0.0%	80	0		0.0%
·OIAL	17		26000	0	465	0.0%	84	0		0.0%
			>28000	0	0	0.0%	>84	0		0.0%
			TOTAL	1,137	U	0.0%	TOTAL -	39		
			IOIAL	4,137		DISE	0	3,		

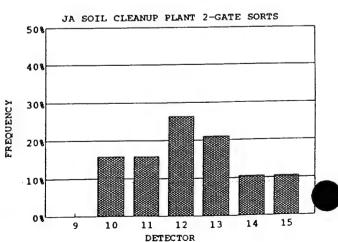
SORTER 1

14-Feb-94

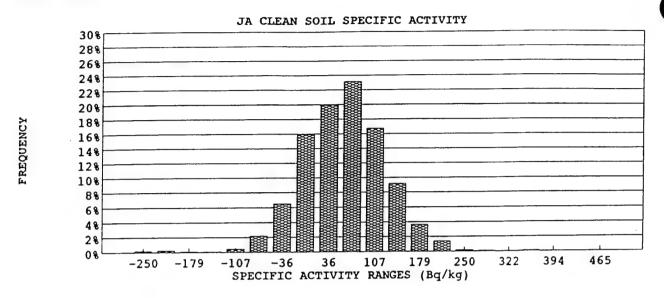


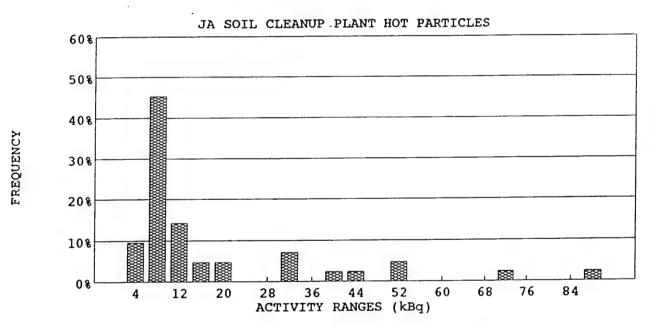


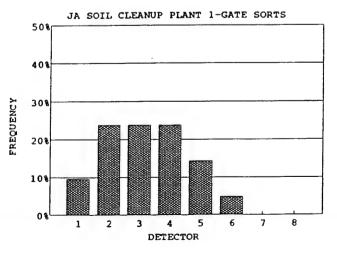


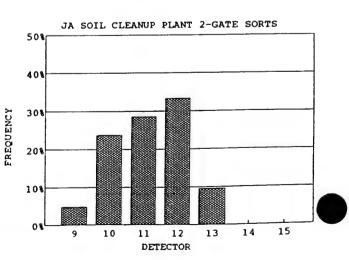


SORT	TER 2						14	-Feb-94		
	S	ORTER SOIL	DENSITY	1.20 to	ons/m³		BACKGROUND		0.76 :	± 0.02 c/
SOIL					CONTAI	MINATED	CLEAN		TOTA	L.
	MASS TOT	`AL			0.2	tons	62.9 tons		63.1 t	ons
	MAXIMUN	A/SORT			2.8	kg	55.9 kg			
	MINIMUM	SORT			0.7	kg	53.1 kg			
		IN-GROUNI				yd³	49.9 yd³		50.0 y	rd³
		ECOVERY (	CLEAN/(HO)	+CLEAN	)	99.7%				
ACTI	VITY						DISPERS	ED + PART	ICLE	
					PART	<b>TICLE</b>	HOT		CLEAN	
	TOTAL				677	kBq	515 kBq		2,746 k	æ
	MAXIMUN	A/SORT			93	kBq	61 kBq		18 k	Вq
	MINIMUM	/SORT			4	kBq	0 Bq		−8 k	_
	SPECIFIC	ACTIVITY					3,129 Bq/kj	ξ	44 E	3q/kg
SORT	S									
	20-SEC PR	OCESS PERI	ODS				1,128		UNEXP	
			ENTS SORT (		ND=0)	0			TIME	TIME
			& MD=0 & M			938			None	None
		•	&0 <md<mn< td=""><td></td><td>D<mndmax< td=""><td>) 190</td><td></td><td></td><td></td><td></td></mndmax<></td></md<mn<>		D <mndmax< td=""><td>) 190</td><td></td><td></td><td></td><td></td></mndmax<>	) 190				
	U		D RECORDS		0					
			<ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>		0					
			.D=0 & MD> .D<0 & MD >		0					
	2_SEC CO	UNT PERIOD			U		11,280			
			.S R <b>DS WITH S</b> C	RTS		42	11,200			
			RDS WITHOU			11.238				
			ORDS (2-s SO		o-s PERIODS	•	1,170			
			ORDS (Test, o			,	9			
		RETECTO			,					
	1	DET	33	78.6%		5 DET	0	0.0%		
	2	DET	8	19.0%		6 DET	0	0.0%		
	3	DET	1	2.4%		7 DET	0	0.0%		
		DET	0	0.0%		8 DET	0	0.0%		
			EEN 2-SEC		683.6	sec				
FREQ	UENCY	Y DISTRI	BUTION	S						
1-GAT	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1	2	9.5%	-14000	2	-250	0.2%	4	4		9.5%
2	5	23.8%	-12000	3	-215	0.3%	8	19		45.2%
3	5	23.8%	-10000	1	-179	0.1%	12	6		14.3%
4	5	23.8%	-8000	1	-143	0.1%	16	2		4.8%
5	3	14.3%	~6000	5	-107	0.4%	20	2		4.8%
6	1	4.8%	-4000	25	-72	2.2%	24	0		0.0%
7	0	0.0%	-2000	74	-36	6.5%	28	0		0.0%
8	0	0.0%	2000	181	0	15.9%	32 36	3 0		7.1% 0.0%
TOTAL	21		2000 4000	227 263	36 72	20.0% 23.1%	36 40	1		2.4%
2_CAT	ESORTS		6000	263 190	107	16.7%	44	1		2.4%
DET		FREQ%	8000	190	143	9.1%	48	0		0.0%
9	30K13	4.8%	10000	41	179	3.6%	52	2		4.8%
10	5	23.8%	12000	16	215	1.4%	56	0		0.0%
11	6	28.6%	14000	2	250	0.2%	60	0		0.0%
12	7	33.3%	16000	1	286	0.1%	64	0		0.0%
13	2	9.5%	18000	0	322	0.0%	68	0		0.0%
14	0	. 0.0%	20000	1	358	0.1%	72	1		2.4%
15	0	0.0%	22000	0	394	0.0%	76	0		0.0%
TOTAL	21		24000	0	429	0.0%	80	0		0.0%
			26000	0	465	0.0%	84	0		0.0%
			>28000	0	0	0.0%	>84	1 .		2.4%
			TOTAL	1,137			TOTAL	42		
				мре		DISE	0			





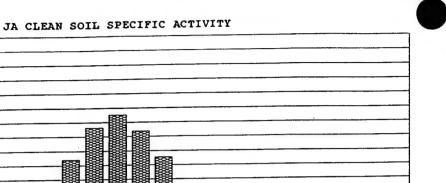




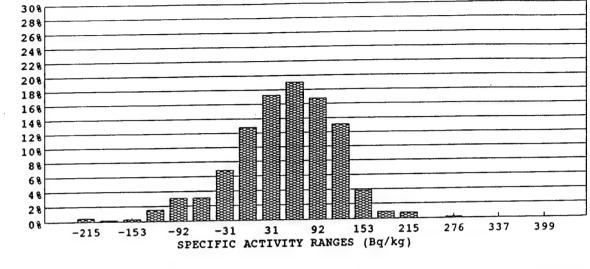
SORT	ER3						14	1-Feb-94		
		ORTER SOIL	DENSITY	1.20 to			BACKGROUND			t 0.06 c/
SOIL					CONTAN	INATED	CLEAN		TOTA	_
	MASS TOT	'AL			1.0	tons	37.0 tons		38.0 t	cons
	MAXIMUN	1/SORT			78.2	kg	65.2 kg	•		
	MINIMUM	SORT			0.7	kg	49.6 kg			
	VOLUME	N-GROUND	)		0.8	yd³	29.3 yd³		30.1	/d³
•	WEIGHTR	ECOVERY (	CLEAN/(HOT	+CLEAN	)	97.5%				
ACTI							DISPER	SED + PARTI	CLE	
					PART	TICLE	нот	(	CLEAN	
	TOTAL .				4,497		4,286 kBq		1,380 )	cВq
	MAXIMUM	(SORT			735		1,530 kBq		16 1	cBq
	MINIMUM					kBq	0 Bq		-18 k	cBq
	SPECIFIC A						4,509 Bq/k	g	37 E	3q/kg
SORT		temme								
		OCESS BED I	ODS				644	1	UNEXP	PAUSE
		OCESS PERI		AD-UST	ND=0)	9	044		TIME	TIME
		LL 80 ELEME ONE (AD=0			10-0)	468			13:06	12:00
	N	ONE (AD=0.6	ひとかし トレイトリング・ファング・ファング・ファング・ファング・ファング・ファング・ファング・ファ	Dmor&MA	ID <mndmax< td=""><td></td><td></td><td></td><td>14:58</td><td>12:33</td></mndmax<>				14:58	12:33
		OME (AD>US NEXPLAINE			O O	107			15:10	12:47
	U		<ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td><td>13:06</td></ad<1kbq>		0					13:06
			D=0 & MD>		3					14:27
			D<0 & MD>		0					15:00
	2SEC CO	UNT PERIOD		•	Ū		6,440			15:02
•		-SEC RECOR		RTS		53				15:11
	_	-SEC RECOR				6,387				
		OCESS RECO			0-s PERIODS		697			
		ESSING REC				,	6			
		RTDETECTO		,	,					
		DET	46	86.8%		5 DET	0	0.0%		
		DET	6	11.3%		6 DET	0	0.0%		
		DET	1	1.9%		7 DET	0	0.0%		
		DET	0	0.0%		8 DET	0	0.0%		
	AVERAGE	TIME BETW	EEN 2-SEC	SORTS	280.0	sec				
		Y DISTRI								
_	ESORTS		ACT_ND	NUM	SPEC A	FREO%	ACT_P	NUM		FREQ%
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1	0	0.0%	-14000	3	-215	0.5%	4	ì		1.9%
2	0	0.0%	-12000	1	-184	0.2%	8	9		17.0%
3	1	2.3%	-10000	2	-153	0.3%	12	9		17.0%
4	34	79.1%	-8000	10	-123	1.5%	16	0		0.0%
5	3	7.0%	-6000	20	-92	3.1%	20	4		7.5%
6	4	9.3%	-4000	20	-61	3.1%	24	3		5.7%
7	ò	0.0%	-2000	44	-31	6.8%	28	0		0.0%
8	1	2.3%	0	83	0	12.8%	32	1		1.9%
TOTAL	43		2000	112	31	17.2%	36	1		1.9%
			4000	124	61	19.1%	40	2		3.8%
2-GAT	ESORTS		6000	109	92	16.8%	44	1		1.9%
DET	SORTS	FREQ%	8000	85	123	13.1%	48	2		3.8%
9	0	0.0%	10000	25	153	3.8%	52	0		0.0%
10	0	0.0%	12000	6	184	0.9%	56	2		3.8%
11	1	10.0%	14000	5	215	0.8%	60	0		0.0%
12	4	40.0%	16000	0	245	0.0%	64	1		1.9%
13	2	20.0%	18000	1	276	0.2%	68	2		3.8%
14	2	20.0%	20000	0	307	0.0%	72	0		0.0%
15	1	10.0%	22000	0	337	0.0%	76	0		0.0%
TOTAL	10		24000	O	368	0.0%	80	1		1.9%
		•	26000	0	399	0.0%	84	0		0.0%
			>28000	0	0	0.0%	>84	14_		26.4%
			TOTAL	650			TOTAL	53		
	TYPES	HPE	49	MPE	425	DISE	759			

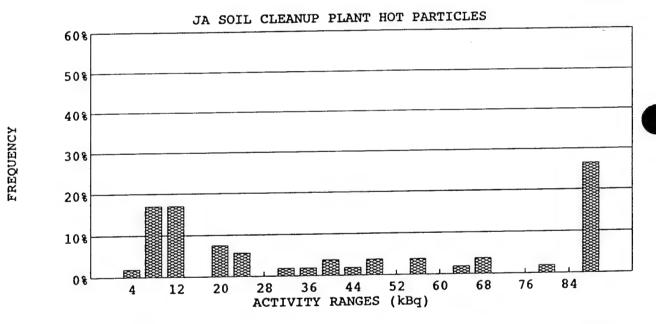
**SORTER 3** 

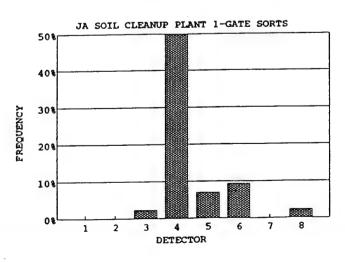
FREQUENCY

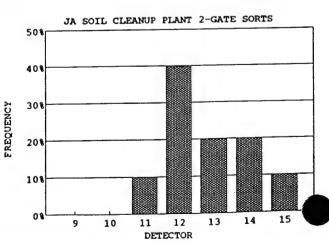


14-Feb-94





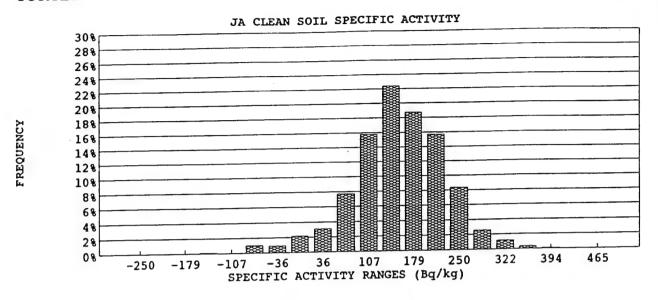


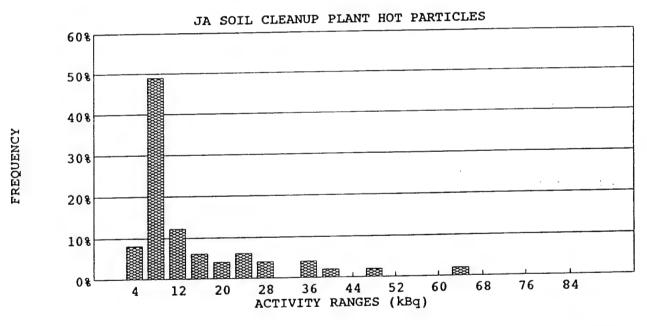


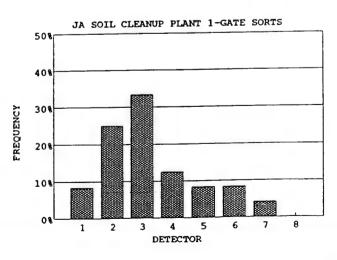
SORT								4-Feb-94		
0077	S	ORTER SOIL	DENSITY	1.20 to			BACKGROUND			± 0.03 c
SOIL						MINATED	CLEAN		TOTA	
	MASS TOT					tons	66.9 tons		67.3	tons
	MAXIMUN				58.7	•	55.9 kg			
	MINIMUM				0.7	•	51.7 kg		£2.4	
		IN-GROUNI				yd³	53.0 yd <sup>3</sup>		53.4 y	/d³
		ECOVERY (	CLEAN/(HO	T+CLEAN	))	99.4%				
ACTI	VITY						DISPER	SED + PART		
					PAR	ПСЕ	HOT		CLEAN	
	TOTAL					kBq	748 kBq		9,280 1	•
	MAXIMUN					kBq	57 kBq		20 I	•
	MINIMUM				3	kBq	0 Bq		-91	
	SPECIFIC A	ACHVITY		<del></del>		w	1,877 Bq/k	g	139 1	зд/кд
SORT	3									
	20-SEC PR	OCESS PERI	ODS				1,204			PAUSE
			ENTS SORT (		ND=0)	3			TIME	TIME
			& MD=0 & M			943			None	10:13
		•			ID <mndmax< td=""><td>) 258</td><td></td><td></td><td></td><td></td></mndmax<>	) 258				
	บ		D RECORDS		0					
			<ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>		0					
			D=0 & MD>		0					
	a cro.co		.D<0 & MD >	•0	0		12.040			
		UNTPERIOD		or a		49	12,040			
			RDS WITH SC RDS WITHOU			11,991				
					0-s PERIODS		1,253			
			ORDS (Test, o			·)	2			
		T DETECTO		anoranon,	010)		-			
		DET	36	73.5%		5 DET	0	0.0%		
		DET	10	20.4%		6 DET	0	0.0%		
		DET	3	6.1%		7 DET	0	0.0%		
		DET	0	0.0%		8 DET	0	0.0%		
	AVERAGE	TIME BETW	EEN 2-SEC	SORTS	668.9	sec				
FREO	UENCY	DISTRI	BUTION	S						
	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1	2	8.3%	-14000	Ò	-250	0.0%	4	` 4		8.2%
2	6	25.0%	-12000	0	-215	0.0%	8	24		49.0%
3	8	33.3%	-10000	0	-179	0.0%	12	6		12.2%
4	3	12.5%	-8000	1	-143	0.1%	16	3		6.1%
5	2	8.3%	-6000	0	-107	0.0%	20	2		4.1%
6	2	8.3%	-4000	12	− <i>7</i> 2	1.0%	24	3		6.1%
7	1	4.2%	-2000	11	-36	0.9%	28	2		4.1%
8	0	0.0%	0	26	0	2.2%	32	0		0.0%
TAL	24		2000	37	36	3.1%	36	2		4.1%
			4000	93	72	7.7%	40	1		2.0%
	ESORTS		6000	190	107	15.8%	44	0		0.0%
DET	SORTS	FREQ%	8000	270	143	22.4%	48	1		2.0%
9	6	24.0%	10000	226	179	18.7%	52	0		0.0% 0.0%
10	6	24.0%	12000	189	215	15.7%	56	0		0.0%
11	6	24.0%	14000	101	250	8.4%	60	1		2.0%
12	2	8.0%	16000	31	286	2.6%	64 68	0		0.0%
13	2	8.0%	18000	14	322	1.2%	68 73	0		0.0%
14	2	8.0%	20000	4	358	0.3%	72 74			0.0%
	1	4.0%	22000	1	394	0.1%	76 80	0		0.0%
15			24000	0	429	0.0%	80	U		
_	25		0.000	~		0.00	2012	_		0.00%
OTAL	25		26000	0	465	0.0%	84	0		0.0%
-	25		26000 >28000 _ TOTAL	0 0 1,206	465 0	0.0% 0.0%	84 >84  TOTAL	0 0 49		0.0% 0.0%

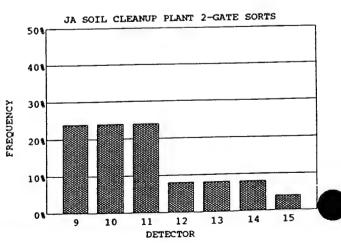
**SORTER 4** 

14-Feb-94



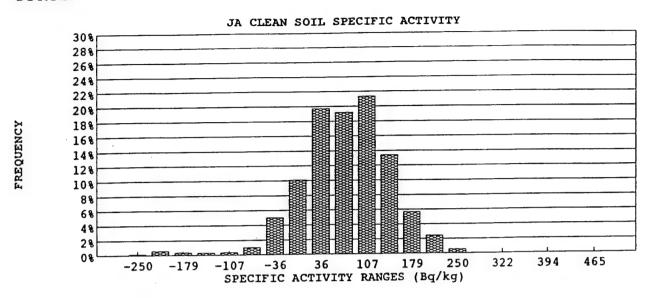


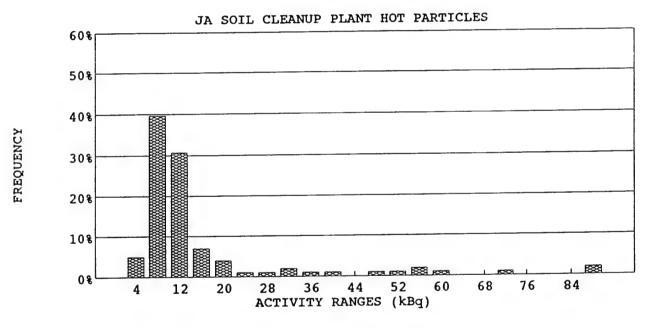


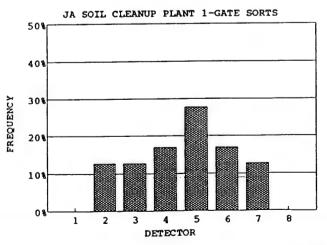


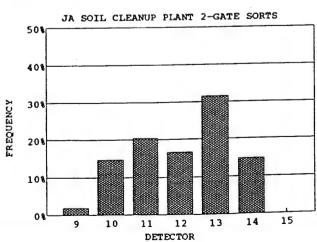
WORK DAY START	06:00 AM		WORK DAY	END	16:30 PM	
LUNCH START	11:00 AM		TIME LOST I	DURING LUNCH	0.0 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL
						(sorter hours)
WORK HOURS		10.5 hr	10.5 hr	10.5 hr	10.5 hr	42.0 hr
SORTER AVAILABLE HOURS	\$	10.3 hr	10.3 hr	10.3 hr	10.3 hr	41.0 hr
SORTER START-UP		06:00	06:00	06:00	06:00	
START SOIL PROCESSING		06:18	06:18	07:20	07:19	
TIME REQUIRED TO START-	-UP	0.3 hr	0.3 hr	1.3 hr	1.3 hr	3.3 hr
SORTER SHUT-DOWN		16:15	16:15	16:15	16:15	
END SOIL PROCESSING		15:54	15:53	13:39	15:38	
TIME REQUIRED TO SHUT D	OWN	0.4 hr	0.4 hr	2.6 hr	0.6 hr	3.9 hr
ACTUAL PROCESS HOURS		9.6 hr	9.6 hr	4.7 hr	8.3 hr	32.2 hr
DOWN-TIME		0.7 hr	0.7 hr	5.6 hr	2.0 hr	8.9 hr
SYSTEM PAUSE		0.0 hr	0.0 hr	1.6 hr	0.1 hr	1.7 hr
SORTER NONAVAILABLE TIL	ME	0.2 hr	0.2 hr	0.2 hr	0.2 hr	1.0 hr
AUTHORIZED DELAY TIME		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
PLANT PERFORMANCE						78.4%
PRODUCTIVTY						76.5%
PRODUCTIVITY						
Date	1	5-Feb-94	Ex	cused Delays for o	lay (sorter-hrs)	0 hr
Contract day (from 6 Sep)		128	Ex	cused delays for o	ontract (sorter-hrs)	1,693 hr
Current Contract week		22	Ex	cused delay days (	plant – days)	42 days
			Ex	cused delay montl	is (plant-month)	1.63 month
Soil production for Day		324 MT				
Cumlative Soil Production for We	ek	555 MT	Pe	reent of contract of	ompleted	34.2%
Total Soil production for contract			То	ns Ahead or Behi	nd Schedule	1,668 MT
Since 6 Sep 93		32,600 MT	Da	ys ahead or behin	d schedule	5 days
Since 6 Aug 93		34,191 MT	,			
		34,191 MI				

SORT								5-Feb-94		+ 000
	S	ORTER SOIL	DENSITY	1.20 to			BACKGROUND		0.66 TOT/	
SOIL						INATED	CLEAN			
1	MASS TOT	AL				tons	96.4 tons		96.5	tons
_	MAXIMUM				4.2	•	55.9 kg			
	MINIMUM				0.7	_	51.7 kg 76.4 yd <sup>3</sup>		76.5	ud3
1	VOLUMEI	N-GROUND	)	. ~ 5.450	0.1	ya <sup>,</sup> 99.8%	70.4 yu		70.5	yu
		ECOVERY (	CLEAN/(HO)	+CLEAN)	)	99.070	DIANER	CCD . BADT	TCLE	
ACTIV	VITY							SED + PART		
						ICLE	нот		CLEAN	LD.
	TOTAL				1,483	•	693 kBq		5,551	квq kBq
	MAXIMUM				160	•	85 kBq		-14 l	•
	MINIMUM				3	kBq	0 Bq	-		Бq/kg
	SPECIFIC A	CTIVITY					4,196 Bq/k	8	50	Dq/kg
SORT	'S									DATICE
2	20-SEC PR	OCESS PERI	ODS				1,727			PAUSE
	A	LL 80 ELEME	ENTS SORT (	MD>0&MN	$\mathbf{D} = 0$	0			TIME	
	N	ONE (AD=0	& MD=0 & M	ND>0)		1,568			None	None
	SC	OME(AD>08	k0 <md<mn< td=""><td>Dmax&amp;MN</td><td></td><td>159</td><td></td><td></td><td></td><td></td></md<mn<>	Dmax&MN		159				
	U		D RECORDS		0					
			<ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>		0					
			D=0 & MD>		0					
			D<0 & MD >	·U	0		17,270			
2	2-SEC COU	UNT PERIOD	S SDS WITH SC	OT C		101	17,270			
			DS WITHOU			17,169				
-	-2 TOTAL DD	OCESS RECOR	RDS (2-s SC	RTS and 20	-s PERIODS	-	1,828			
,	NONDDOC	ESSING REC	ORDS (Test, o	alibration, e	etc)	,	5			
		T DETECTO			,					
-		DET	73	72.3%		5 DET	0	0.0%		
		DET	20	19.8%		6 DET	0	0.0%		
		DET	6	5.9%		7 DET	0	0.0%		
	41	DET	2	2.0%		8 DET	0	0.0%		
			EEN 2-SEC		473.2	sec				
FREO	UENCY	DISTRI	BUTION	S						
	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
	SORTS	FREQ%	_ (Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1	0	0.0%	-14000	2	-250	0.1%	4	5		5.0%
2	6	12.8%	-12000	10	-215	0.6%	8	40		39.6%
3	6	12.8%	-10000	6	-179	0.3%	12	31		30.7% 6.9%
4	8	17.0%	-8000	5	-143	0.3%	16	7		4.0%
5	13	27.7%	-6000	6	-107	0.3%	20	1		1.0%
6	8	17.0%	-4000	17	-72	1.0%	24 28	1		1.0%
7	6	12.8%	-2000	87	-36 n	5.0%	32	2		2.0%
8 _	0	0.0%	2000	175	0 36	10.1% 19.7%	36	1		1.0%
TOTAL	47		2000 4000	341 332	72	19.7%	40	1		1.0%
	C CODTC		6000	369	107	21.3%	44	0		0.0%
	ESORTS SORTS	FREQ%	8000	232	143	13.4%	48	1		1.0%
DET 9	SOR 15	1.9%	10000	98	179	5.7%	52	1		1.0%
10	8	14.8%	12000	42	215	2.4%	56	2		2.0%
11	11	20.4%	14000	9	250	0.5%	60	1		1.0%
12	9	16.7%	16000	1	286	0.1%	64	0		0.0%
13	17	31.5%	18000	0	322	0.0%	68	0		0.0%
14	8	14.8%	20000	0	358	0.0%	72	1		1.0%
15	0	0.0%	22000	0	394	0.0%	76	0		0.0%
OTAL -	54	0.070	24000	o	429	0.0%	80	0		0.0%
JIM	<i>-</i>		26000	0	465	0.0%	84	0		0.0%
			>28000	0	0	0.0%	>84	2		2.0%
			TOTAL	1,732			TOTAL	101		
		HPE	101742	MPE	128	DISE	0			



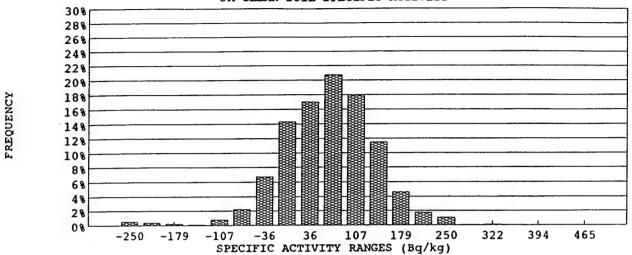




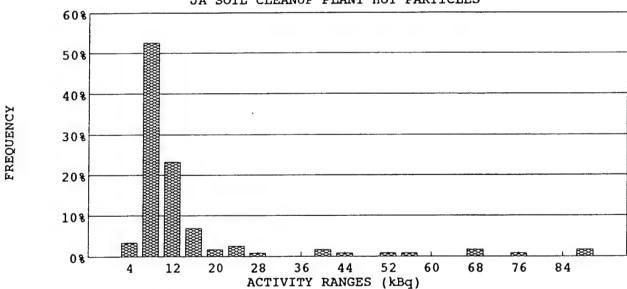


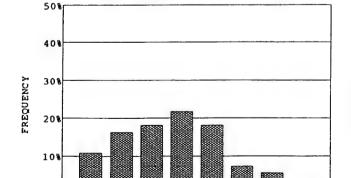
SORT	TER 2							5-Feb-94		
	S	ORTER SOIL I	DENSITY	1.20 tor	ns/m³		BACKGROUND		0.77 ±	
SOIL					CONTAM	INATED	CLEAN		TOTA	L
	MASS TOT	AL				tons	96.2 tons	5	96.5 to	ons
	MAXIMUN	A/SORT			3.5	kg	55.9 kg			
	MINIMUM	SORT			0.7	•	52.4 kg			
	<b>VOLUME I</b>	N-GROUND			0.3		76.2 yd³		76.5 y	d³
	WEIGHTR	ECOVERY (CI	LEAN/(HO)	(+CLEAN)		99.6%				
ACTI	VITY						DISPER	SED + PART	TICLE	
					PART	ICLE	НОТ		CLEAN	
	TOTAL				1,506	kBq	1,092 kBq	1	4,501 k	Bq
	MAXIMUM	1/SORT			111	kBq	66 kBq	ı	19 k	Bq
	MINIMUM				3	kBq	0 Bq		-17 k	-
	SPECIFIC A	ACTIVITY					2,977 Bq/	kg	47 B	q/kg
SORT										
		OCESS PERIO	DS				1,727		UNEXP	PAUSE
		LL 80 ELEMEN		MD>0&MN	(D=0)	0	•		TIME	TIME
		ONE (AD=0 &			,	1,343			None	None
	Si	OME(AD>0&0	<md<mn< td=""><td>Dmax&amp;MNI</td><td>O<mndmax)< td=""><td>384</td><td></td><td></td><td></td><td></td></mndmax)<></td></md<mn<>	Dmax&MNI	O <mndmax)< td=""><td>384</td><td></td><td></td><td></td><td></td></mndmax)<>	384				
		NEXPLAINED			0					
	Ŭ		AD<1kBq &		0					
			=0 & MD>		0					
			<0 & MD >		0					
	2-SEC COI	UNTPERIODS					17,270			
		-SEC RECORE	S WITH SC	RTS		116				
		-SEC RECORI				17,154				
	TOTAL PR	OCESS RECOR	DS (2-s SC	RTS and 20	-s PERIODS	)	1,843			
		ESSING RECO					3			
		RTDETECTOR	•		•					
	1	DET	95	81.9%	:	DET	0	0.0%		
	2	DET	18	15.5%	•	DET	0	0.0%		
	3	DET	3	2.6%	•	DET	0	0.0%		
	41	DET	0	0.0%	4	DET	0	0.0%		
	AVERAGE	TIME BETWE	EN 2-SEC	SORTS	363.6	ec	A11.			
FREO	UENCY	Y DISTRIE	BUTION	S						
	ESORTS		ACT_ND	NUM	SPEC A	FREQ%	ACT_P	NUM		FREQ%
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1	6	10.9%	-14000	Ìģ	-250	0.5%	4	4		3.4%
2	9	16.4%	-12000	7	-215	0.4%	8	61		52.6%
3	10	18.2%	-10000	4	-179	0.2%	12	27		23.3%
4	12	21.8%	-8000	2	-143	0.1%	16	8		6.9%
5	10	18.2%	-6000	14	-107	0.8%	20	2		1.7%
6	4	7.3%	-4000	39	-72	2.3%	24	3		2.6%
7	3	5.5%	-2000	116	-36	6.7%	28	1		0.9%
8	1	1.8%	0	247	0	14.3%	32	0		0.0%
TATO	55		2000	294	36	17.0%	36	0		0.0%
			4000	359	72	20.8%	40	2		1.7%
2-GAT	ESORTS		6000	310	107	17.9%	44	1		0.9%
DET	SORTS	FREQ%	8000	198	143	11.4%	48	0		0.0%
9	10	16.4%	10000	79	179	4.6%	52	1		0.9% 0.9%
10	11	18.0%	12000	30	215	1.7%	56	1		0.9%
11	12	19.7%	14000	18	250	1.0%	60	0		0.0%
12	13	21.3%	16000	1	286	0.1%	64	0		1.7%
13	10	16.4%	18000	2	322	0.1%	68	2		0.0%
14	3	4.9%	20000	1	358	0.1%	72	0		0.0%
15	2	3.3%	22000	0	394	0.0%	76	1		0.9%
OTAL	61		24000	0	429	0.0%	80	0		0.0%
			26000	0	465	0.0%	84	0		
			>28000 _	0	0	0.0%	>84	2		1.7%
			TOTAL	1,730			TOTAL	116		
			127	MPE	397	DISE	0			





#### JA SOIL CLEANUP PLANT HOT PARTICLES





4

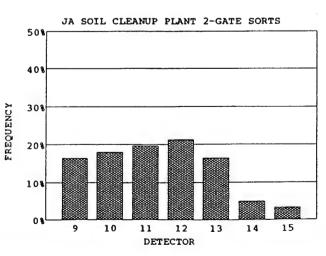
DETECTOR

1

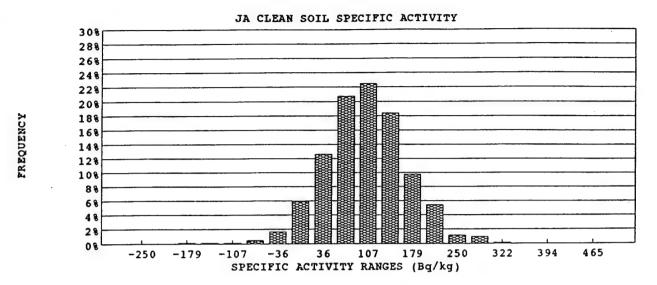
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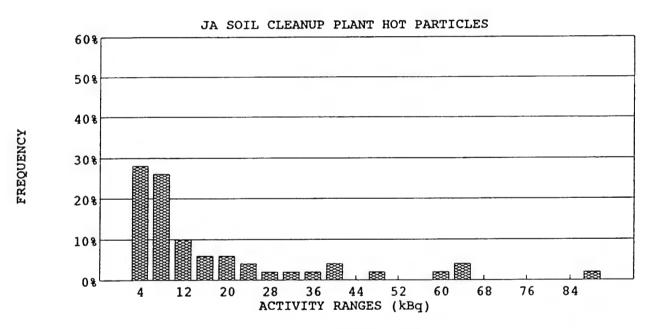
5

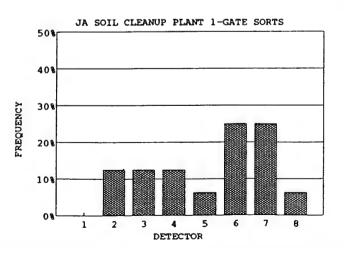
JA SOIL CLEANUP PLANT 1-GATE SORTS

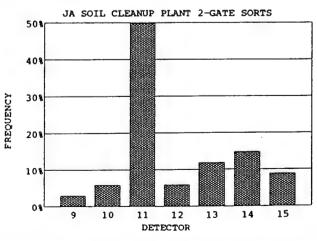


SORTE	ER 3							Feb-94		
		ORTER SOIL I	DENSITY	1.20 to			BACKGROUND			0.02
SOIL					CONTAM		CLEAN		TOTA	
M	ASS TOTA	AL			0.9 1		46.3 tons	•	47.2 t	ons
M	AXIMUM	SORT			58.1	-	55.9 kg			
	INIMUM/				0.7 1	-	47.5 kg			
		N-GROUND			0.7		36.7 yd³		37.4 y	q <sub>3</sub>
		ECOVERY (C	LEAN/(HOT	+CLEAN)	)	98.0%				
<b>ACTIV</b>	TTY						DISPERSE	D + PARTICL	E	
					PART	ICLE	HOT		EAN	
Т	OTAL				789 1	сВq	2,166 kBq	4,	092 k	Bq
	AXIMUM	SORT			86 1	cВq	45 kBq		18 k	_
M	INIMUM/	SORT			3 1	сВq	(1,867)Bq		-5 k	
SI	PECIFIC A	CTIVITY					2,340 Bq/kg		88 B	g/kg
SORTS										
		OCESS PERIO	nns				844	UN	EXP	PAUSE
20	-SEC PK	LL 80 ELEME	NTS SOPTA	AD>0&Mi	$\sqrt{D} = 0$	2		TI	ME	TIME
	AI NA	ONE (AD=0 &	MD=0&M	ND>0	,	482		08	3:46	11:02
	141	OME(AD=0&	NSMD-04MN	Dmar&MN	D <mndmax\< td=""><td>360</td><td></td><td>08</td><td>3:51</td><td>12:42</td></mndmax\<>	360		08	3:51	12:42
		NEXPLAINED		~ illum tours! 1	0			08	3:51	
	O.		AD<1kBq &	MD>0	9			08	3:53	
			)=0 & MD>		1				3:54	
			)=0& MD> )<0& MD >		1				3:55	
2	SEC COL	INT PERIODS		•	_		8,440	08	3:56	
2-		-SEC RECOR		RTS		50	-,	09	00:0	
		-SEC RECOR				8,390		09	2:21	
TY	OTAL PR	CESS RECOI	RDS (2-s SO	RTS and 20	-s PERIODS	)	894	12	2:39	
N/	ONPROCI	ESSING RECO	ORDS (Test c	alibration,	etc)		5	12	2:44	
		TDETECTOR		•	,					
-		DET	35	70.0%		DET	0	0.0%		
		DET	9	18.0%		DET	0	0.0%		
		DET	4	8.0%	7	DET	0	0.0%		
		DET	2	4.0%	8	DET	0	0.0%		
Α'		TIME BETWE	EN 2-SECS	ORTS	482.3 s	ec		•		
		DISTRI								
		DISTRI		NUM	SPEC_A	FREO%	ACT_P	NUM		FREQ%
1-GATE		ED EOW	ACT_ND		(Bq/kg)	I KLQ70	(kBq)	(#)		_
	SORTS	FREQ%	(Bq) -14000	(#) 0	-250	0.0%	4	14		28.0%
1	0	0.0%		0	-215	0.0%	8	13		26.0%
2	2	12.5%	-12000 -10000	1	-213 -179	0.1%	12	5		10.0%
3	2	12.5%	-10000 -8000	1	-179 -143	0.1%	16	3		6.0%
4	2	12.5% 6.3%	-8000 -6000	1	-107	0.1%	20	3		6.0%
5	1	6.3% 25.0%	-4000 -4000	4	-107 -72	0.5%	24	2		4.0%
6	4	25.0% 25.0%	-2000 -2000	14	-36	1.6%	28	1		2.0%
7	4	6.3%	-2000	50	-30	5.9%	32	1		2.0%
ота <b>т</b> —	14	0.5%	2000	107	36	12.6%	36	1		2.0%
TOTAL	16		4000	176	72	20.7%	40	2		4.0%
2_CATE	SUDTS		6000	191	107	22.5%	44	0		0.0%
2-GATE: DET S	SORTS	FREQ%	8000	156	143	18.4%	48	1		2.0%
9	1	2.9%	10000	83	179	9.8%	52	0		0.0%
10	2	5.9%	12000	46	215	5.4%	56	0		0.0%
	17	50.0%	14000	10	250	1.2%	60	1		2.0%
11		5.9%	16000	8	286	0.9%	64	2		4.0%
12 13	2 4	11.8%	18000	1	322	0.1%	<b>6</b> 8	0		0.0%
		14.7%	20000	0	358	0.0%	72	0		0.0%
14 15	5		22000	0	394	0.0%	76	0		0.0%
	3	8.8%	24000	0	429	0.0%	80	o		0.0%
TOTAL	34		26000	0	465	0.0%	84	o		0.0%
			>28000	0	403	0.0%	>84	1		2.0%
			TOTAL	849	U	3.070	TOTAL	50		
			IUIAL	U-17						

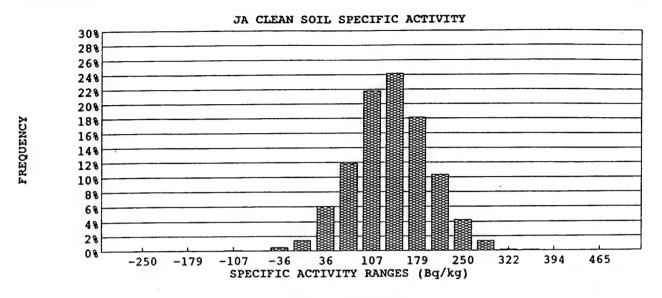


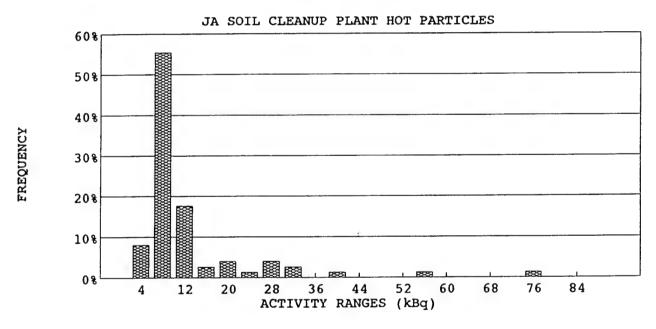


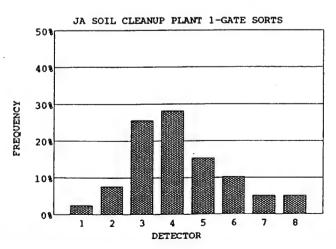


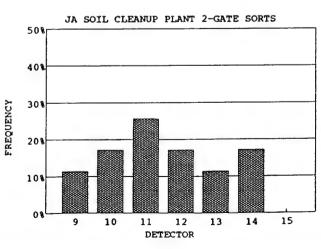


SORT	CER 4						15.	-Feb-94		
SOKI		ORTER SOIL	DENSITY	1.20 t	ons/m³		BACKGROUND			± 0.02 c/
SOIL					CONTAN	INATED	CLEAN		TOTA	AL.
	MASS TOT	'AL			0.4	tons	82.8 tons		83.2	tons
	MAXIMUN	A/SORT			58.7	•	55.9 kg			
	MINIMUM				0.7	-	53.1 kg			
		N-GROUN			0.3	-	65.6 yd³		66.0 y	yd <sup>3</sup>
		ECOVERY (	CLEAN/(HO	I+CLEAN	D)	99.5%				
ACTI	VITY							D + PART		
					PART		HOT		10,062 I	-T) -
	TOTAL				777	квq kBq	880 kBq 51 kBq		18 1	•
	MAXIMUM					ква kBq	0 Bq		-71	•
	MINIMUM.				~	KDQ	2,094 Bq/kg			Bq/kg
		ACHVIII					2,000			
SORT		O OFFICE BED	IOD6				1,489		UNEXP	PAUSE
		OCESS PERI		MD>08M	(ND=0)	2	1,409		TIME	TIME
			ENTS SORT ( & MD=0 & M		110-0)	1,149			None	13:01
	N St	OME(AD>0	&MD−∪&M &N <md<mn< td=""><td>Dmax&amp;Mi</td><td>ND<mndmax)< td=""><td>•</td><td></td><td></td><td></td><td></td></mndmax)<></td></md<mn<>	Dmax&Mi	ND <mndmax)< td=""><td>•</td><td></td><td></td><td></td><td></td></mndmax)<>	•				
			D RECORDS		0					
	·		<ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>		0					
			D=0 & MD>		0					
		A	D<0 & MD >	0	0					
	2-SEC CO	UNT PERIOD	os				14,890			
			RDS WITH SO			74				
			RDS WITHOU			14,816				
					0-s PERIODS	)	1,563			
			ORDS (Test, o	alibration,	etc)		0			
		T DETECTO	)KS 58	78.4%		DET	0	0.0%		
	_	DET DET	14	18.9%		DET	0	0.0%		
		DET	2	2.7%		DET	0	0.0%		
		DET	Õ	0.0%		BDET	0	0.0%		
			EEN 2-SEC		513.4 s					
			BUTION							
	ESORTS	DIOIN	ACT_ND	NUM	SPEC_A	FREO%	ACT_P	NUM		FREQ%
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1	1	2.6%	-14000	ó	-250	0.0%	4	6		8.1%
2	3	7.7%	-12000	0	-215	0.0%	8	41		55.4%
3	10	25.6%	-10000	0	-179	0.0%	12	13		17.6%
4	11	28.2%	-8000	0	-143	0.0%	16	2		2.7%
5	6	15.4%	-6000	1	-107		20	3		4.1%
6	4	10.3%	-4000	0	-72	0.0%	24	1		1.4% 4.1%
7	2	5.1%	-2000	7	-36	0.5%	28 32	3 2		4.1% 2.7%
8.	2	5.1%	2000	21 90	0 36	1.4% 6.0%	32 36	0		0.0%
TOTAL	39		2000 4000	176	30 72	11.8%	40	1		1.4%
2_GAT	ESORTS		6000	324	107	21.8%	44	0		0.0%
DET	SORTS	FREQ%	8000	360	143	24.2%	48	0		0.0%
9	4	11.4%	10000	270	179	18.1%	52	0		0.0%
10	6	17.1%	12000	154	215	10.3%	56	1		1.4%
11	9	25.7%	14000	63	250	4.2%	60	0		0.0%
12	6	17.1%	16000	20	286	1.3%	64	0		0.0%
13	4	11.4%	18000	2	322	0.1%	68	0		0.0%
14	6	17.1%	20000	1	358	0.1%	72	0		0.0%
15	0	0.0%	22000	0	394	0.0%	76	1		1.4% 0.0%
TOTAL	35		24000	0	429	0.0%	80	0		0.0%
			26000	0	465	0.0%	84	0		0.0%
			>28000 _	1 400	0	0.0%	>84	74		0.070
-	T/DE20	****	TOTAL	1,489	240	Dien	TOTAL 162	/4		
VENT 1	YPES	HPE	78	MPE	360	DISE	102			









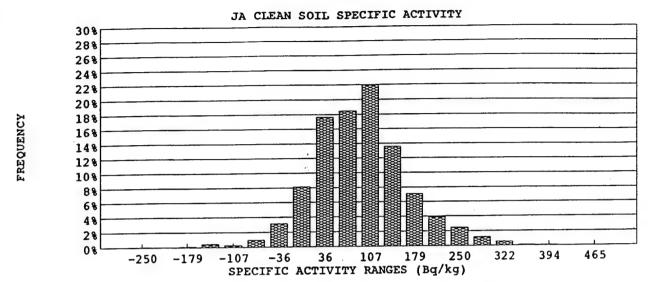
16-Feb-94

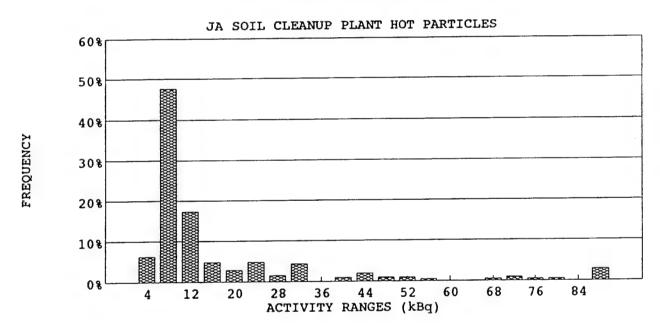
WORK DAY START	06:00	AM	WORK DAY E	ND	16:30 PM	
LUNCH START	11:00	AM	TIME LOST DU	IRING LUNCH	0.5 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL
		SORTERI	001112			(sorter hours)
WORK HOURS		10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
SORTER AVAILABLE H	OURS	0.0 hr		0.0 hr	0.0 hr	0.0 hr
SORTER START-UP	OONS	NA.	NA	NA	NA	
START SOIL PROCESSI	NG.	NA	NA	NA	NA	
TIME REQUIRED TO ST		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
SORTER SHUT-DOWN		NA	NA	NA	NA	
END SOIL PROCESSING		NA.	NA	NA	NA	
TIME REQUIRED TO SE		0.0 hr		0.0 hr	0.0 hr	0.0 hr
		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
ACTUAL PROCESS HOU	)K3	0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
DOWN-TIME		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
SYSTEM PAUSE	r ic agree	10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
SORTER NONAVAILAB		10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
AUTHORIZED DELAY		10.0 111	10.0	10.0 11.		NA
PLANT PERFORMANCE	3					0.0%
PRODUCTIVTY						
PRODUCTIVITY						
Date		16-Feb-94	Exc	ised Delays for d	ay (sorter – hrs)	40 hr
Contract day (from 6 Sep)		129	Exce	ised delays for co	ontract (sorter-hrs)	1,733 hr
Current Contract week		22	Exc	ısed delay days (1	plant – days)	43 days
			Excu	ised delay month	s (plant-month)	1.67 month
Soil production for Day		0 M	Г			
Cumlative Soil Production	for Week	555 M	Γ Perc	ent of contract co	ompleted	34.2%
Total Soil production for co			Tons	Ahead or Behin	d Schedule	1,668 MT
Since 6.5		32,600 M	Γ Day:	ahead or behind	i schedule	5 days
Since 6	•	34,191 M				
Total Soil production for pr	•	60,478 M	Γ			

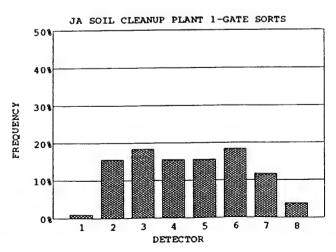
17-Feb-94

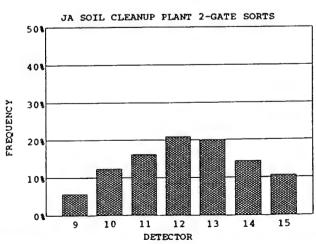
WORK DAY START	05:55 AM		WORK DAY	END	16:30 PM	
LUNCH START	11:00 AM		TIME LOST	DURING LUNCH	0.0 HR	
		SORTER 1	SORTER	sorter 3	SORTER 4	TOTAL
						(sorter hours)
WORK HOURS		10.6 hr	10.6 h	r 10.6 hr	10.6 hr	42.3 hr
SORTER AVAILABLE HOU	JRS .	10.5 hr	10.5 h	r 3.3 hr	3.3 hr	27.7 hr
SORTER START-UP		05:55	05:55	05:55	05:55	
START SOIL PROCESSING		06:14	06:15	06:19	06:17	
TIME REQUIRED TO STAR		0.3 hr	0.3 h	r 0.4 hr	0.4 hr	1.5 hr
SORTER SHUT-DOWN		16:25	16:25	09:15	09:15	
END SOIL PROCESSING		16:06	16:05	08:51	08:51	
TIME REQUIRED TO SHUT	LDOMN	0.3 hr	0.3 h	r 0.4 hr	0.4 hr	1.4 hr
ACTUAL PROCESS HOURS		9.9 hr	9.8 h	r 2.5 hr	2.6 hr	24.8 hr
DOWN-TIME		0.6 hr	0.7 h	r 0.8 hr	0.8 hr	2.9 hr
SYSTEM PAUSE		0.0 hr	0.0 h	r 0.0 hr	0.0 hr	0.0 hr
SORTER NONAVAILABLE	ПМЕ	0.1 hr	0.1 h	r 7.3 hr	7.3 hr	14.7 hr
AUTHORIZED DELAY TIM		0.0 hr	0.0 h	r 6.8 hr	6.8 hr	13.5 hr
PLANT PERFORMANCE						89.6%
PRODUCTIVTY						58.6%
DD 0 D 1 0071 1771						
PRODUCTIVITY						
Date	1	17-Feb-94	<b>E</b>	acused Delays for o	lay (sorter-hrs)	13.5 hr
Contract day (from 6 Sep)		130	E	xcused delays for c	ontract (sorter-hrs)	1,746 hr
Current Contract week		22	E	xcused delay days (	plant-days)	44 days
			E	acused delay month	rs (plant-month)	1.68 months
Soil production for Day		250 MT				
Cumlative Soil Production for	Weck	805 MT	P	ercent of contract of	ompleted	34.4%
Total Soil production for contr	act		Т	ons Ahead or Behi	nd Schedule	1,707 MT
Since 6 Sep	93	32.850 MT	T D	ays ahead or behin	d schedule	5 days
Since 6 Aug	93	34,441 MT				
Total Soil production for proje	ct	60,728 MT	Γ			

SORT	ER 1							-Feb-94		
	S	ORTER SOIL	DENSITY	1.20 to			BACKGROUND		0.67	
SOIL						MINATED	CLEAN		TOTA	
	MASS TOT	AL				tons	98.9 tons		99.2 1	ons
	MAXIMUM				4.9	-	55.9 kg			
	MINIMUM				0.7	•	51.0 kg		70.7	
	VOLUME	N-GROUNI	)		0.2	-	78.4 yd <sup>3</sup>		78.7 y	/d³
		ECOVERY (	CLEAN/(HO	(+CLEAN)	)	99.7%				
ACTI	VITY						DISPERS	ED + PART		
					PAR'	UCTE	НОТ		CLEAN	
	TOTAL				3,280	kBq	1,432 kBq		7,414	•
	MAXIMUM	(/SORT			174	kBq	62 kBq		20 I	•
	MINIMUM	SORT			3	kBq	0 Bq		-12 1	-
	SPECIFICA	CTIVITY					4,555 Bq/kg		75 1	Bq/kg
SORT	S									
		OCESS PERI	ODS				1,775			PAUSE
			ENTS SORT (	MD>0&Ml	ND=0)	0			TIME	TIME
			& MD=0 & N			1,501			08:38	None
	S	OME (AD>0	&0 <md<mn< td=""><td>Dmax&amp;MN</td><td>D<mndmax< td=""><td>274</td><td></td><td></td><td>08:58</td><td></td></mndmax<></td></md<mn<>	Dmax&MN	D <mndmax< td=""><td>274</td><td></td><td></td><td>08:58</td><td></td></mndmax<>	274			08:58	
			D RECORDS		0				12:01	
	Ū		<ad<1kbq &<="" td=""><td></td><td>4</td><td></td><td></td><td></td><td>14:08</td><td></td></ad<1kbq>		4				14:08	
			D=0 & MD>		0					
		Α	D<0 & MD >	<b>0</b>	0					
	2-SEC CO	UNTPERIOD	S				17,750			
			RDS WITH SO	ORTS		208				
			RDS WITHOU			17,542				
	TOTAL PR	OCESS RECO	ORDS (2-s SC	ORTS and 20	)—s PERIODS	5)	1,983			
			ORDS (Test,	calibration,	etc)		4			
	2-SEC SOF	TDETECTO	RS				_	0.50		
	1	DET	151	72.6%		5 DET	1	0.5%		
	2	DET	42	20.2%		6 DET	0	0.0% 0.0%		
		DET	10	4.8%		7 DET	0 0	0.0%		
		DET	4	1.9%		8 DET	U	0.070		
			EEN 2-SEC		235.1	sec				
FREQ	UENCY	DISTRI	BUTION	15				NT 10 4		ED EOW
1-GAT	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		6.3%
1	1	1.0%	-14000	1	-250	0.1%	4	13		
2	16	15.5%	-12000	0	-215	0.0%	8	99		47.6%
3	19	18.4%	-10000	2	-179	0.1%	12	36		17.3%
4	16	15.5%	-8000	8	-143	0.4%	16	10		4.8% 2.9%
5	16	15.5%	-6000	5	-107	0.3%	20	6		2.9% 4.8%
6	19	18.4%	-4000	17	<b>-72</b>	1.0%	24	10 3		1.4%
7	12	11.7%	-2000	56	-36	3.1%	28	9		4.3%
8	4	3.9%	0	144	0	8.1%	32	0		0.0%
TOTAL	103		2000	314	36	17.7%	36 40	2		1.0%
			4000	328	72 107	18.4% 22.0%	40 44	4		1.9%
	ESORTS	rn ro~	6000	391	143	13.5%	48	2		1.0%
DET	SORTS	FREQ%	8000	241	179	7.1%	52	2		1.0%
9	6	5.7%	10000	126	215	3.9%	56	ı		0.5%
10	13	12.4%	12000 14000	69 44	250	2.5%	60	0		0.0%
11	17	16.2%	16000	21	286	1.2%	64	0		0.0%
12	22	21.0%	18000	9	322	0.5%	<b>6</b> 8	1		0.5%
13	21	20.0%			358	0.1%	72	2		1.0%
14	15	14.3%	20000	2		0.1%	72 76	1		0.5%
15	11	10.5%	22000	1	394 429	0.1%	80	1		0.5%
OTAL	105		24000	0			84	0		0.0%
			26000	0	465	0.0%	84 >84	6		2.9%
			~ ~~~~~	^	0	0.0%	>84	0		a. , , , ,
			>28000 _ TOTAL	1,779	Ū	0.070	TOTAL	208		





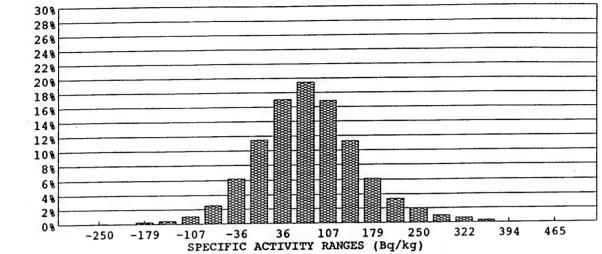




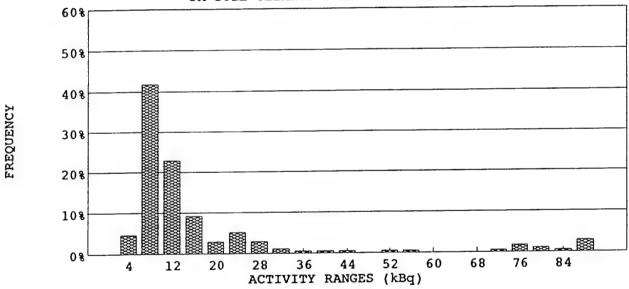
	TER 2							Feb-94		
	S	ORTER SOIL	DENSITY	1.20 to	ns/m³		BACKGROUND		0.78	± 0.04
SOIL	,				CONTAM	INATED	CLEAN		TOTA	AL.
	MASS TOT	AL			0.5	tons	98.5 tons		99.0 t	ons
	MAXIMUN	A/SORT			3.5	-	55.9 kg			
	MINIMUM				0.7	•	52.4 kg		70.6	
		IN-GROUNI			0.4	-	78.1 yd <sup>3</sup>		78.5 y	/ <b>d</b> ,
		ECOVERY (	CLEAN/(HO	[+CLEAN]	)	99.5%				
ACTI	VITY						DISPERSE	D + PART		
					PART		НОТ		CLEAN	
	TOTAL				3,922	•	2,191 kBq		5,972 1	-
	MAXIMUN				820	•	530 kBq		19 )	-
	MINIMUM				. 4	kBq	0 Bq		-16 )	_
	SPECIFICA	ACTIVITY					4,556 Bq/kg		01 2	3q/kg
SORT	rs .									D
		OCESS PERI					1,771		UNEXP	
		LL 80 ELEME			(D=0)	0			TIME	TIME
		ONE (AD=0				1,317			12:12	None
		•			D <mndmax)< td=""><td>454</td><td></td><td></td><td></td><td></td></mndmax)<>	454				
	U	NEXPLAINE			0					
			<ad<1kbq &<="" td=""><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>		1					
			D=0 & MD>		0					
		-	.D<0 & MD >	<b>&gt;</b> 0	0		17,710			
		UNT PERIOD		nmc.		175	17,710			
		-SEC RECOF -SEC RECOF				17,535				
					-s PERIODS	•	1,946			
		ESSING REC				,	8			
		T DETECTO		Janoracion, c	)					
		DET	134	76.6%	:	DET	0	0.0%		
		DET	35	20.0%	4	6 DET	0	0.0%		
		DET	5	2.9%	•	7 DET	0	0.0%		
		DET	1	0.6%	1	BDET	0	0.0%		
	AVERAGE	TIME BETW	EEN 2-SEC	SORTS	264.3 s	sec				
FREC	DUENCY	DISTRI	BUTION	IS						
	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ9
				(#)			_	(#)		
		FREO%	(Ba)		(DQ/KK)		(kBq)	(#)		
		FREQ% 11.6%	(Bq) -14000	í	(Bq/kg) -250	0.1%	(KDQ) 4	(#) 8		4.6%
1 2	11 21		,		,	0.1% 0.0%	* **			41.7%
1	11	11.6%	-14000	1	-250	0.0%	4 8 12	8 73 40		41.7% 22.9%
1 2	11 21	11.6% 22.1%	-14000 -12000	1	-250 -215	0.0%	4 8 12 16	8 73 40 16		41.7% 22.9% 9.1%
1 2 3	11 21 18	11.6% 22.1% 18.9%	-14000 -12000 -10000	1 0 5	-250 -215 -179 -143 -107	0.0% 0.3% 0.4% 1.1%	4 8 12 16 20	8 73 40 16 5		41.7% 22.9% 9.1% 2.9%
1 2 3 4	11 21 18 18	11.6% 22.1% 18.9% 18.9%	-14000 -12000 -10000 -8000 -6000 -4000	1 0 5 8 19 45	-250 -215 -179 -143 -107 -72	0.0% 0.3% 0.4% 1.1% 2.5%	4 8 12 16 20 24	8 73 40 16 5 9		41.7% 22.9% 9.1% 2.9% 5.1%
1 2 3 4 5	11 21 18 18 9	11.6% 22.1% 18.9% 18.9% 9.5% 7.4% 10.5%	-14000 -12000 -10000 -8000 -6000 -4000 -2000	1 0 5 8 19 45	-250 -215 -179 -143 -107 -72 -36	0.0% 0.3% 0.4% 1.1% 2.5% 6.2%	4 8 12 16 20 24 28	8 73 40 16 5 9		41.7% 22.9% 9.1% 2.9% 5.1% 2.9%
1 2 3 4 5 6	11 21 18 18 9 7 10	11.6% 22.1% 18.9% 18.9% 9.5% 7.4%	-14000 -12000 -10000 -8000 -6000 -4000 -2000	1 0 5 8 19 45 110 203	-250 -215 -179 -143 -107 -72 -36	0.0% 0.3% 0.4% 1.1% 2.5% 6.2% 11.4%	4 8 12 16 20 24 28 32	8 73 40 16 5 9 5 2		41.7% 22.9% 9.1% 2.9% 5.1% 2.9% 1.1%
1 2 3 4 5 6 7 8	11 21 18 18 9 7	11.6% 22.1% 18.9% 18.9% 9.5% 7.4% 10.5%	-14000 -12000 -10000 -8000 -6000 -4000 -2000 0	1 0 5 8 19 45 110 203 303	-250 -215 -179 -143 -107 -72 -36 0	0.0% 0.3% 0.4% 1.1% 2.5% 6.2% 11.4% 17.0%	4 8 12 16 20 24 28 32 36	8 73 40 16 5 9 5 2		41.7% 22.9% 9.1% 2.9% 5.1% 2.9% 1.1% 0.6%
1 2 3 4 5 6 7 8 FOTAL	11 21 18 18 9 7 10 1	11.6% 22.1% 18.9% 18.9% 9.5% 7.4% 10.5%	-14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000	1 0 5 8 19 45 110 203 303 346	-250 -215 -179 -143 -107 -72 -36 0 36 72	0.0% 0.3% 0.4% 1.1% 2.5% 6.2% 11.4% 17.0%	4 8 12 16 20 24 28 32 36 40	8 73 40 16 5 9 5 2 1		41.7% 22.9% 9.1% 2.9% 5.1% 2.9% 1.1% 0.6% 0.6%
1 2 3 4 5 6 7 8 FOTAL	11 21 18 18 9 7 10 1 95	11.6% 22.1% 18.9% 18.9% 9.5% 7.4% 10.5% 1.1%	-14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000	1 0 5 8 19 45 110 203 303 346 300	-250 -215 -179 -143 -107 -72 -36 0 36 72	0.0% 0.3% 0.4% 1.1% 2.5% 6.2% 11.4% 17.0% 19.4% 16.9%	4 8 12 16 20 24 28 32 36 40	8 73 40 16 5 9 5 2 1 1		41.7% 22.9% 9.1% 2.9% 5.1% 2.9% 1.1% 0.6% 0.6%
1 2 3 4 5 6 7 8 TOTAL 2-GAT DET	11 21 18 18 9 7 10 1 95	11.6% 22.1% 18.9% 18.9% 9.5% 7.4% 10.5% 1.1%	-14000 -12000 -10000 -8000 -6000 -4000 -2000 -2000 -4000 -6000 -6000 -6000 -6000 -6000	1 0 5 8 19 45 110 203 303 346 300 200	-250 -215 -179 -143 -107 -72 -36 0 36 72 107	0.0% 0.3% 0.4% 1.1% 2.5% 6.2% 11.4% 17.0% 19.4% 16.9% 11.2%	4 8 12 16 20 24 28 32 36 40 44	8 73 40 16 5 9 5 2 1 1		41.7% 22.9% 9.1% 2.9% 5.1% 2.9% 1.1% 0.6% 0.6% 0.6%
1 2 3 4 5 6 7 8 TOTAL 2-GAT DET	11 21 18 18 9 7 10 1 95 TE SORTS SORTS 20	11.6% 22.1% 18.9% 18.9% 9.5% 7.4% 10.5% 1.1% FREQ% 25.0%	-14000 -12000 -10000 -8000 -6000 -4000 -2000 -2000 -4000 -6000 -6000 -6000 -6000 -6000	1 0 5 8 19 45 110 203 303 346 300 200 109	-250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179	0.0% 0.3% 0.4% 1.1% 2.5% 6.2% 11.4% 17.0% 19.4% 16.9% 11.2% 6.1%	4 8 12 16 20 24 28 32 36 40 44 48 52	8 73 40 16 5 9 5 2 1 1 1 0		41.7% 22.9% 9.1% 2.9% 5.1% 2.9% 1.1% 0.6% 0.6% 0.0%
1 2 3 4 5 6 6 7 8 FOTAL 2-GAT DET 9 10	11 21 18 18 9 7 10 1 95 TE SORTS SORTS 20 14	11.6% 22.1% 18.9% 18.9% 9.5% 7.4% 10.5% 1.1% FREQ% 25.0% 17.5%	-14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000	1 0 5 8 19 45 110 203 303 346 300 200 109 59	-250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215	0.0% 0.3% 0.4% 1.1% 2.5% 6.2% 11.4% 17.0% 19.4% 16.9% 11.2% 6.1% 3.3%	4 8 12 16 20 24 28 32 36 40 44 48 52 56	8 73 40 16 5 9 5 2 1 1 0		41.7% 22.9% 9.1% 2.9% 5.1% 2.9% 1.1% 0.6% 0.6% 0.6% 0.6%
1 2 3 4 5 6 6 7 8 FOTAL 2-GAT DET 9 10 11	11 21 18 18 9 7 10 1 95 TE SORTS SORTS 20 14 14	11.6% 22.1% 18.9% 18.9% 9.5% 7.4% 10.5% 1.1% FREQ% 25.0% 17.5%	-14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000 14000	1 0 5 8 19 45 110 203 303 346 300 200 109 59 35	-250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250	0.0% 0.3% 0.4% 1.1% 2.5% 6.2% 11.4% 17.0% 19.4% 16.9% 11.2% 6.1% 3.3% 2.0%	4 8 12 16 20 24 28 32 36 40 44 48 52 56 60	8 73 40 16 5 9 5 2 1 1 0 1		41.7% 22.9% 9.1% 2.9% 5.1% 2.9% 0.6% 0.6% 0.6% 0.6% 0.6% 0.0%
1 2 3 4 5 6 7 8 FOTAL 2-GAT DET 9 10 11 12	11 21 18 18 9 7 10 1 95 TE SORTS SORTS 20 14 14 10	11.6% 22.1% 18.9% 18.9% 9.5% 7.4% 10.5% 1.1% FREQ% 25.0% 17.5% 17.5%	-14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000 14000 16000	1 0 5 8 19 45 110 203 303 346 300 200 109 59 35 18	-250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286	0.0% 0.3% 0.4% 1.1% 2.5% 6.2% 11.4% 17.0% 19.4% 16.9% 11.2% 6.1% 3.3% 2.0% 1.0%	4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64	8 73 40 16 5 9 5 2 1 1 0 1 0 0		41.7% 22.9% 9.1% 2.9% 5.1% 2.9% 0.6% 0.6% 0.6% 0.6% 0.0% 0.0%
1 2 3 4 5 6 7 8 FOTAL 2-GAT DET 9 10 11 12 13	11 21 18 18 9 7 10 1 95 TE SORTS SORTS 20 14 14 10 11	11.6% 22.1% 18.9% 18.9% 9.5% 7.4% 10.5% 1.1% FREQ% 25.0% 17.5% 17.5% 12.5% 13.8%	-14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000 14000 16000 18000	1 0 5 8 19 45 110 203 303 346 300 200 109 59 35 18 12	-250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322	0.0% 0.3% 0.4% 1.1% 2.5% 6.2% 11.4% 17.0% 19.4% 16.9% 11.2% 6.1% 3.3% 2.0% 1.0%	4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64	8 73 40 16 5 9 5 2 1 1 0 1 0 0 0		41.7% 22.9% 9.1% 2.9% 5.1% 0.6% 0.6% 0.6% 0.6% 0.0% 0.0% 0.0%
1 2 3 4 5 6 7 8 FOTAL 2-GAT DET 9 10 11 12 13 14	11 21 18 18 9 7 10 1 95 TE SORTS SORTS 20 14 14 10 11 4	11.6% 22.1% 18.9% 18.9% 9.5% 7.4% 10.5% 1.1%  FREQ% 25.0% 17.5% 12.5% 13.8% 5.0%	-14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000 14000 16000 18000 20000	1 0 5 8 19 45 110 203 303 346 300 200 109 59 35 18 12 6	-250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358	0.0% 0.3% 0.4% 1.1% 2.5% 6.2% 11.4% 17.0% 19.4% 16.9% 11.2% 6.1% 3.3% 2.0% 1.0% 0.7% 0.3%	4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72	8 73 40 16 5 9 5 2 1 1 0 1 0 0 0		41.7% 22.9% 9.1% 2.9% 5.1% 2.9% 0.6% 0.6% 0.6% 0.0% 0.0% 0.0% 0.0% 0.0
1 2 3 4 5 6 6 7 8 FOTAL 2-GAT DET 9 10 11 12 13 14 15	11 21 18 18 19 7 10 1 95 TE SORTS SORTS 20 14 14 10 11 4 7	11.6% 22.1% 18.9% 18.9% 9.5% 7.4% 10.5% 1.1% FREQ% 25.0% 17.5% 17.5% 12.5% 13.8%	-14000 -12000 -10000 -8000 -6000 -4000 -2000 4000 6000 8000 10000 12000 14000 16000 18000 20000 22000	1 0 5 8 19 45 110 203 303 346 300 200 109 59 35 18 12 6	-250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358 394	0.0% 0.3% 0.4% 1.1% 2.5% 6.2% 11.4% 17.0% 19.4% 16.9% 11.2% 6.1% 3.3% 2.0% 1.0% 0.7% 0.3% 0.0%	4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76	8 73 40 16 5 9 5 2 1 1 0 0 1 1 0 0 0		41.7% 22.9% 9.1% 2.9% 5.1% 0.6% 0.6% 0.6% 0.0% 0.6% 0.0% 0.0% 0.0% 0.0% 0.0%
1 2 3 4 4 5 6 6 7 8 FOTAL 2-GAT DET 9 10 11 12 13 14 15	11 21 18 18 9 7 10 1 95 TE SORTS SORTS 20 14 14 10 11 4	11.6% 22.1% 18.9% 18.9% 9.5% 7.4% 10.5% 1.1%  FREQ% 25.0% 17.5% 12.5% 13.8% 5.0%	-14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000 14000 16000 18000 20000 22000 24000	1 0 5 8 19 45 110 203 303 346 300 200 109 59 35 18 12 6 0	-250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358 394 429	0.0% 0.3% 0.4% 1.1% 2.5% 6.2% 11.4% 17.0% 19.4% 16.9% 11.2% 6.1% 3.3% 2.0% 1.0% 0.7% 0.3% 0.0%	4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80	8 73 40 16 5 9 5 2 1 1 0 0 0 0 0		41.7% 22.9% 9.1% 2.9% 5.1% 2.9% 0.6% 0.6% 0.6% 0.0% 0.6% 0.0% 0.0% 1.7% 1.1%
1 2 3 4 5 6 6 7 8 FOTAL 2-GAT DET 9 10 11 12 13 14 15	11 21 18 18 19 7 10 1 95 TE SORTS SORTS 20 14 14 10 11 4 7	11.6% 22.1% 18.9% 18.9% 9.5% 7.4% 10.5% 1.1%  FREQ% 25.0% 17.5% 12.5% 13.8% 5.0%	-14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 12000 14000 16000 18000 20000 22000 24000 24000 26000	1 0 5 8 19 45 110 203 303 346 300 200 109 59 35 18 12 6 0	-250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358 394 429 465	0.0% 0.3% 0.4% 1.1% 2.5% 6.2% 11.4% 17.0% 19.4% 16.9% 11.2% 6.1% 3.3% 2.0% 0.7% 0.3% 0.0% 0.0%	4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84	8 73 40 16 5 9 5 2 1 1 0 0 0 0 0 1 3 2 1		41.7% 22.9% 9.1% 2.9% 5.1% 2.9% 1.1% 0.6% 0.6% 0.0% 0.6% 0.0% 0.0% 0.0% 0.1.7% 1.1% 0.6%
1 2 3 4 5 6 7 8 FOTAL 2-GAT DET 9 10 11 12 13 14	11 21 18 18 19 7 10 1 95 TE SORTS SORTS 20 14 14 10 11 4 7	11.6% 22.1% 18.9% 18.9% 9.5% 7.4% 10.5% 1.1%  FREQ% 25.0% 17.5% 12.5% 13.8% 5.0%	-14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000 14000 16000 18000 20000 22000 24000	1 0 5 8 19 45 110 203 303 346 300 200 109 59 35 18 12 6 0	-250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358 394 429	0.0% 0.3% 0.4% 1.1% 2.5% 6.2% 11.4% 17.0% 19.4% 16.9% 11.2% 6.1% 3.3% 2.0% 1.0% 0.7% 0.3% 0.0%	4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80	8 73 40 16 5 9 5 2 1 1 0 0 0 0 0 1 3 2		41.7% 22.9% 9.1% 2.9% 5.1% 0.6% 0.6% 0.6% 0.0% 0.0% 0.0% 0.0% 0.0

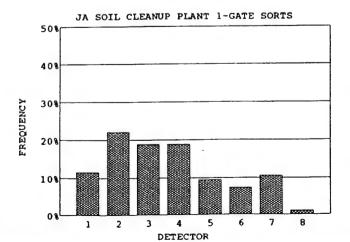
FREQUENCY

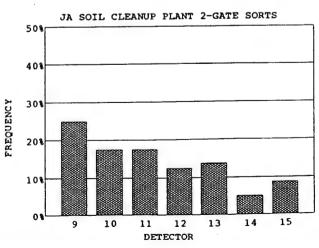




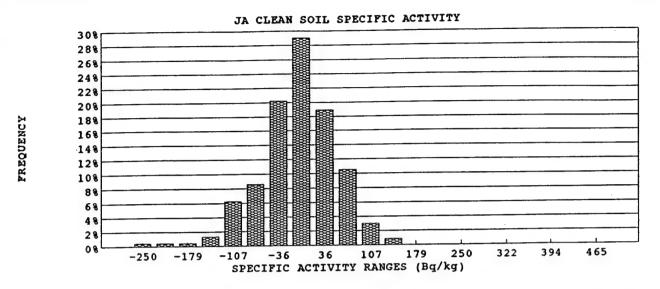


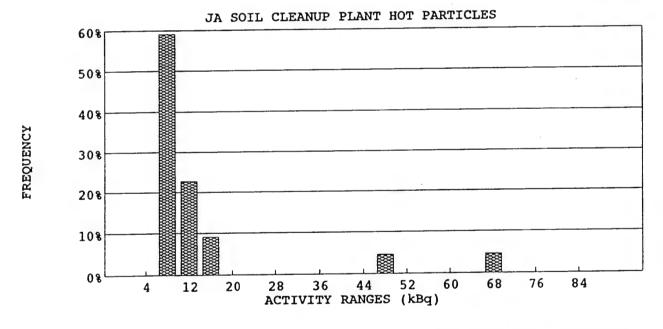


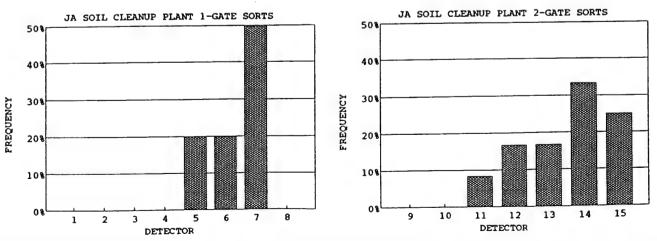




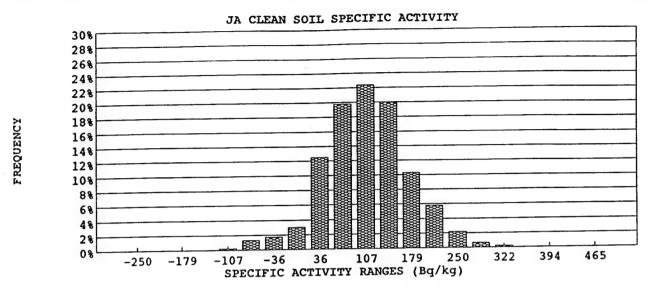
SORT	TER 3							Feb-94	
		ORTER SOIL	DENSITY	1.20 ton			ACKGROUND		± 0.02
SOIL					CONTAN		CLEAN	TOT	
	MASS TOTA	<b>AL</b>				tons	25.4 tons	23.3	tons
	MAXIMUM	SORT			2.8	_	55.9 kg		
	MINIMUM/	SORT			0.7	•	53.1 kg		
	VOLUME I	N-GROUNE	)		0.0	-	20.2 yd <sup>3</sup>	20.2	Aq3
	WEIGHT R	ECOVERY (	CLEAN/(HO)	(+CLEAN)		99.8%			
	VITY						DISPERSE	+ PARTICLE	
					PART	TICLE	нот	CLEAR	1
	TOTAL				269	kBq	156 kBq	(525	)kBq
	MAXIMUM	SORT			68	kBq	46 kBq		kBq
	MINIMUM/				4	kBq	0 Bq		kBq
	SPECIFIC A						3,647 Bq/kg	(21	)Bq/kg
SORT									
		OCESS PERI	ons				456	UNEX	P PAUSE
	20-SEC PR	OCESS FERI	ENTS SORT (	พบ>บรพท	D=0)	0		TIME	TIME
	N/	ONE (AD-0	& MD=0 & M	(ND>0)	,	409		None	None
	L/s	OME (VD = 0)	&0 <md<mn< td=""><td>Dmax&amp;MNT</td><td>O<mndmax< td=""><td></td><td></td><td></td><td></td></mndmax<></td></md<mn<>	Dmax&MNT	O <mndmax< td=""><td></td><td></td><td></td><td></td></mndmax<>				
	30	NEXDI VINE	D RECORDS		0	,			
	O.		<ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td></ad<1kbq>		0				
			D=0 & MD>		0				
			D<0 & MD>		0				
	2_SEC COI	INT PERIOD		-			4,560		
			EDS WITH SO	ORTS		22			
			DS WITHOU			4,538			
	TOTAL PRO	OCESS RECO	ORDS (2-s SC	ORTS and 20	-s PERIODS	5)	478		
	NONPROC	ESSING R FC	ORDS (Test,	calibration, e	tc)	,	9		
		TDETECTO		,,,	,				
		DET	18	81.8%		5 DET	0	0.0%	
		DET	3	13.6%		6 DET	0	0.0%	
		DET	I	4.5%		7 DET	0	0.0%	
		DET	0	0.0%		8 DET	0	0.0%	
			EEN 2-SEC		506.7	sec			
			BUTION						
		DISTRI	ACT ND	NUM	SPEC_A	FREO%	ACT_P	NUM	FREQ%
	TE SORTS	ED EOW	_		(Bq/kg)	T T DQ T	(kBq)	(#)	
	SORTS	FREQ%	(Bq) -14000	(#) 2	-250	0.4%	. 4	Ò	0.0%
1	0	0.0%		2	-215	0.4%	8	13	59.1%
2	0	0.0%	-12000	2	-179	0.4%	12	5	22.7%
3	0	0.0%	-10000 -8000	6	-143	1.3%	16	2	9.1%
4	0	0.0%		29	-107	6.2%	20	0	0.0%
5	2	20.0% 20.0%	-6000 -4000	40	-72	8.6%	24	0	0.0%
6	2		-2000	94	-36	20.2%	28	0	0.0%
7	6	60.0%	-2000	135	0	29.0%	32	0	0.0%
8	0	0.0%	2000	88	36	18.9%	36	0	0.0%
TOTAL	10		4000	49	72	10.5%	40	0	0.0%
	er conm		6000	14	107	3.0%	44	0	0.0%
	TE SORTS	FREQ%	8000	4	143	0.9%	48	1	4.5%
	SORTS	0.0%	10000	0	179	0.0%	52	0	0.0%
9	0	0.0%	12000	0	215	0.0%	56	0	0.0%
10			14000	0	250	0.0%	60	0	0.0%
11		8.3%		0	286	0.0%	64	0	0.0%
	2	16.7%	16000		322	0.0%	68	1	4.5%
12	2	16.7%	18000	0	358	0.0%	72	0	0.0%
13		33.3%	20000	0	394	0.0%	76	0	0.0%
13 14	4	25 (30%	22000	0	429	0.0%	80	0	0.0%
13 14 15	3	25.0%	0.4000			U.U 70	-	<del>-</del>	
13 14		23.070	24000	0			84	0	0.0%
13 14 15	3	23.070	26000	0	465	0.0%	84 >84	0 0	0.0% 0.0%
13 14 15	3	25.0%					84 >84  TOTAL	0 0 22	

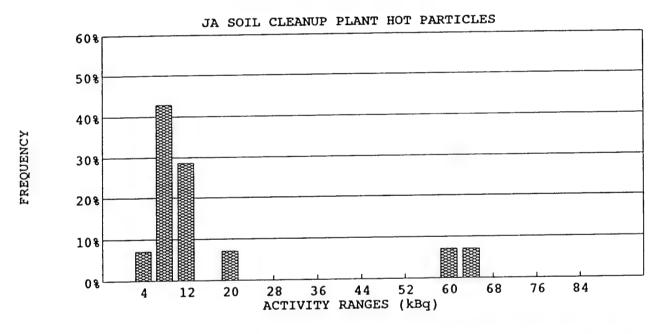


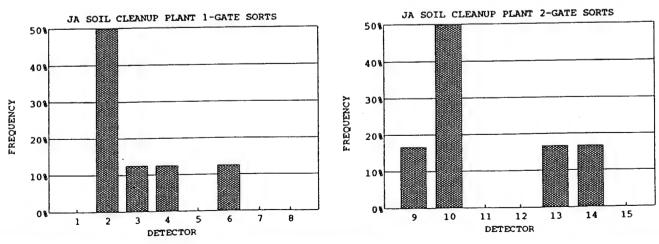




SORTE	R 4						_	Feb-94	0.44	
	SC	RTER SOIL	DENSITY	1.20 to			ACKGROUND			t 0.02
SOIL					CONTAM	INATED	CLEAN		TOTA	IL.
	ASS TOTA	AL.			0.1	ons	25.7 tons		25.8 t	tons
M	AXIMUM	SORT			2.1	ιg	55.9 kg			
M	INIMUM/	SORT			0.7 1	cg	53.8 kg			
V	DLUME II	N-GROUND	1		0.1 y	rd³	20.4 yd <sup>3</sup>		20.5 y	/d³
W	EIGHT RI	ECOVERY (C	LEAN/(HOT	+CLEAN)	)	99.7%				
ACTIV							DISPERSE	D + PARTICI	E	
ACIIVI					PART	Œ	нот	CL	EAN	
~~	TAT.				214 1		215 kBq	2	,332 k	сBq
	OTAL AXIMUM	COPT			62 1	-	41 kBq		17 k	dBq
	NIMUM/					dBq	0 Bq		-8 k	сВq
	ECIFIC A					-,	2,818 Bq/kg		91 I	3q/kg
	ECIFICA	CHVIII								
SORTS			222				462	UN	EXP	PAUSE
20	-SEC PRO	OCESS PERIO	ODS	10. 0014	m 0)	0	402		ME	TIME
			NTS SORT (		(ט=עא	373		Not		None
	NO	ONE (AD=0 &	& MD=0 & M	ND>0)	D <\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	373 89		1.01		
					D <mndmax)< td=""><td>09</td><td></td><td></td><td></td><td></td></mndmax)<>	09				
	Uì		RECORDS		0					
			<ad<1kbq &<="" td=""><td></td><td>_</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>		_					
			D=0 & MD>		0					
			D<0 & MD >	0	0		4,620			
2-		INT PERIOD				• •	4,620			
			DS WITH SC			14				
	2-	SEC RECOR	DS WITHOU	TSORIS		4,606	476			
TC	TAL PRO	CESS RECO	RDS (2-s SO	RTS and 20	-s PERIODS	)	476 3			
NO	ONPROCE	ESSING RECO	ORDS (Test, o	alibration, e	etc)		3			
2-		TDETECTO			4	DET	0	0.0%		
	1 I	DET	11	78.6%		DET	0	0.0%		
	2 [	DET	3	21.4%		DET	0	0.0%		
	3 E	DET	0	0.0%		DET	_	0.0%		
		DET	0	0.0%		DET	0	0.070		
			EEN 2-SEC		840.0 s	ec				
FREQU	JENCY	DISTRI	BUTION	S						
1-GATES			ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
DET S	ORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1	0	0.0%	-14000	0	-250	0.0%	4	1		7.1%
2	5	62.5%	-12000	0	-215	0.0%	8	6		42.9%
3	1	12.5%	-10000	0	-179	0.0%	12	4		28.6%
4	1	12.5%	-8000	0	-143	0.0%	16	0		0.0%
5	0	0.0%	-6000	1	-107	0.2%	20	1		7.1%
6	1	12.5%	-4000	6	-72	1.3%	24	0		0.0%
7	0	0.0%	-2000	8	-36	1.7%	28	0		0.0%
8	0	0.0%	0	14	0	3.0%	32	0		0.0%
TOTAL	8		2000	58	36	12.5%	36	0		0.0%
	-		4000	92	72	19.8%	40	0		0.0%
2-GATES	SORTS		6000	104	107	22.4%	44	0		0.0%
	ORTS	FREQ%	8000	93	143	20.0%	48	0		0.0%
9	1	16.7%	10000	48	179	10.3%	52	0		0.0%
10	3	50.0%	12000	27	215	5.8%	56	0		0.0%
11	0	0.0%	14000	10	250	2.2%	60	1		7.1%
12	0	0.0%	16000	3	286	0.6%	64	1		7.1%
13	1	16.7%	18000	1	322	0.2%	68	0		0.0%
14	1	16.7%	20000	0	358	0.0%	72	0		0.0%
15	0	0.0%	22000	0	394	0.0%	76	0		0.0%
TOTAL -	6	0.070	24000	0	429	0.0%	80	0		0.0%
- LEL	U		26000	0	465	0.0%	84	0		0.0%
			>28000	0	0	0.0%	>84	0		0.0%
			TOTAL	465			TOTAL	14		
				MPE		DISE	0			



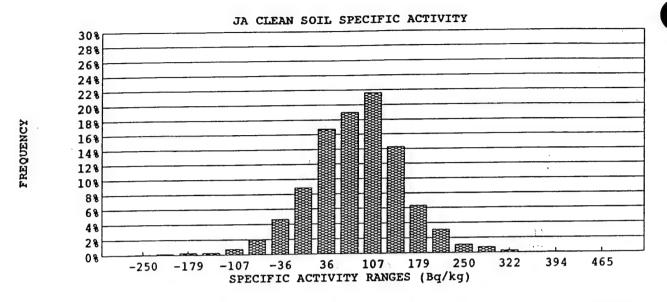


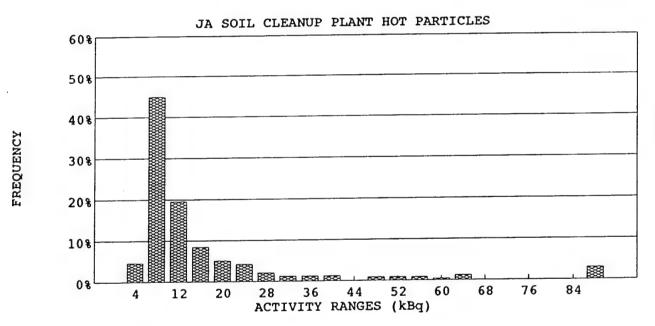


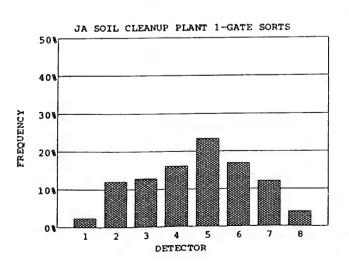
18-Feb-94

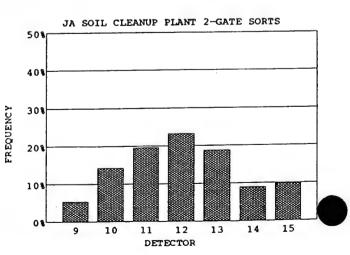
WORK DAY START	06:00 AM	I	WORK DAY EN		16:30 PM	
LUNCH START	11:00 AM	Ī	TIME LOST DU	RING LUNCH	0.0 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL
		001112111				(sorter hours)
WORK HOURS		10.5 hr	10.5 hr	10.5 hr	10.5 hr	42.0 hr
SORTER AVAILABLE HO	URS	10.3 hr	10.3 hr	0.0 hr	0.0 hr	20.7 hr
SORTER START-UP		06:00	06:00	NA	NA	
START SOIL PROCESSING	}	06:19	06:18	NA	NA	
TIME REQUIRED TO STA		0.3 hr	0.3 hr	0.0 hr	0.0 hr	0.6 hr
SORTER SHUT-DOWN		16:20	16:20	NA	NA	
END SOIL PROCESSING		16:06	16:03	NA	NA	
TIME REQUIRED TO SHU	TDOWN	0.2 hr	0.3 hr	0.0 hr	0.0 hr	0.5 hr
ACTUAL PROCESS HOUR		9.7 hr	9.7 hr	0.0 hr	0.0 hr	19.4 hr
DOWN-TIME		0.6 hr	0.6 hr	0.0 hr	0.0 hr	1.2 hr
SYSTEM PAUSE		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
SORTER NONAVAILABLE	ЕТІМЕ	0.2 hr	0.2 hr	10.0 hr	10.0 hr	20.3 hr
AUTHORIZED DELAY TI		0.0 hr	0.0 hr	10.0 hr	10.0 hr	20.0 hr
PLANT PERFORMANCE						94.1%
PRODUCTIVTY						46.3%
PRODUCTIVITY						
Date		18-Feb-94	Excu	ised Delays for da	ay (sorter – hrs)	20 hr
Contract day (from 6 Sep)		131	Excu	ised delays for co	ntract (sorter-hrs)	1,766 hr
Current Contract week		22		ised delay days (p		44 days
			Excu	ised delay months	s (plant-month)	1.70 months
Soil production for Day		196 MT				
Cumlative Soil Production for	Week	1,000 MT		ent of contract co	-	34.6%
Total Soil production for cont	ract			Ahead or Behin		1,745 MT
Since 6 Sep	93	33,046 MT	Days	ahead or behind	schedule	6 days
Since 6 Au	g 93	34,637 MT	•			
Total Soil production for proje	ect	60,923 MT	•			

SUK	TER 1							Feb-94		
	S	ORTER SOIL	DENSITY	1.20 ton	s/m³	E	BACKGROUND		0.69	± 0.04 c/
SOIL	,				CONTAN	INATED	CLEAN		TOTA	IL.
	MASS TOT	AL			0.3	tons	97.7 tons		98.0 t	ons
	MAXIMUN	1/SORT			4.2	kg	55.9 kg			
	MINIMUM	/SORT			0.7	kg	51.7 kg			
	VOLUME	N-GROUND			0.3	yd³	77.5 yd <sup>3</sup>		77.7 y	rd³
	WEIGHTR	ECOVERY (C	LEAN/(HOT	+CLEAN))		99.7%				
ACTI	IVITY						DISPERSE	D + PART	ICLE	
					PART	ICLE	нот		CLEAN	
	TOTAL				3,935	kBa	1,678 kBq		6,430 k	Ba
	MAXIMUM	(SORT			281		172 kBq		20 k	•
	MINIMUM	-				kBq	0 Bq		-12 k	Bq
	SPECIFICA					•	5,102 Bq/kg		66 I	3q/kg
SORT										
JOIC I		OCESS PERIO	פתר				1,754	1	UNEXP	PAUSE
		LL 80 ELEME		AD>0&MN	D=0)	0	2,		TIME	TIME
		ONE (AD=0 &			,	1,474			12:49	None
		ONE (AD=0 & OME (AD>0&			) <mndmar\< td=""><td>· ·</td><td></td><td></td><td></td><td></td></mndmar\<>	· ·				
		NEXPLAINEI		JIIIAA CLIVII V L	0 (MINDINAX)	200				
	U		AD<1kBq &	MD>0	1					
			D=0 & MD>		0					
			D<0 & MD >		0					
	2-SEC CO	UNT PERIODS	S				17,540			
	2.	-SEC RECOR	DS WITH SO	RTS		236				
	2.	-SEC RECOR	DS WITHOU	TSORTS		17,304				
	TOTAL PR	OCESS RECO	RDS (2-s SO	RTS and 20-	-s PERIODS	)	1,990			
	NONPROC	ESSING RECO	ORDS (Test, c	alibration, et	c)		14			
	2-SEC SOF	RETECTOR	RS							
	1	DET	180	76.3%	:	DET	0	0.0%		
	2	DET	49	20.8%	. •	6 DET	O	0.0%		
	3	DET	6	2.5%		7 DET	0	0.0%		
		DET	1	0.4%		BDET	0	0.0%		
		TIME BETWE			194.9	sec				
FREC	QUENCY	Y DISTRII	BUTION	S						
1-GA7	TESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1	3	2.4%	-14000	1	-250	0.1%	4	11		4.7%
2		12.1%	-12000	2	-215	0.1%	8	106		44.9%
3		12.9%	-10000	5	-179	0.3%	12	46		19.5%
4	20	16.1%	-8000	5	-143	0.3%	16	20		8.5%
5		23.4%	-6000	13	-107	0.7%	20	12		5.1%
6	21	16.9%	-4000	34	-72	1.9%	24	10		4.2%
7		12.1%	-2000	82	-36	4.6%	28	5		2.1%
8	5	4.0%	0	156	0	8.8%	32	3		1.3%
TOTAL	124		2000	296	36	16.7%	36	3		1.3%
			4000	335	72	18.9%	40	3		1.3% 0.0%
2-GA7	TE SORTS		6000	382	107	21.6%	44	0		0.0%
	SORTS	FREQ%	8000	252	143	14.3%	48	2		0.8%
DET		5.4%	10000	112 55	179	6.3%	52 56	2 2		0.8%
9			10000	33	215	3.1%	56			0.4%
9 10	16	14.3%	12000		250	1 107				
9 10 11	16 22	14.3% 19.6%	14000	19	250 286	1.1%	60 64	1 3		
9 10 11 12	16 22 26	14.3% 19.6% 23.2%	14000 16000	19 13	286	0.7%	64	3		1.3%
9 10 11 12 13	16 22 26 21	14.3% 19.6% 23.2% 18.8%	14000 16000 18000	19 13 5	286 322	0.7% 0.3%	64 68	3 0		1.3% 0.0%
9 10 11 12 13	16 22 26 21 10	14.3% 19.6% 23.2% 18.8% 8.9%	14000 16000 18000 20000	19 13 5 0	286 322 358	0.7% 0.3% 0.0%	64 68 72	3 0 0		1.3% 0.0% 0.0%
9 10 11 12 13 14	16 22 26 21 10	14.3% 19.6% 23.2% 18.8%	14000 16000 18000 20000 22000	19 13 5 0	286 322 358 394	0.7% 0.3% 0.0% 0.1%	64 68 72 76	3 0 0 0		1.3% 0.0% 0.0% 0.0%
9 10 11 12 13	16 22 26 21 10	14.3% 19.6% 23.2% 18.8% 8.9%	14000 16000 18000 20000 22000 24000	19 13 5 0 1	286 322 358 394 429	0.7% 0.3% 0.0% 0.1% 0.0%	64 68 72 76 80	3 0 0 0		1.3% 0.0% 0.0% 0.0% 0.0%
9 10 11 12 13 14	16 22 26 21 10	14.3% 19.6% 23.2% 18.8% 8.9%	14000 16000 18000 20000 22000 24000 26000	19 13 5 0 1 0	286 322 358 394 429 465	0.7% 0.3% 0.0% 0.1% 0.0%	64 68 72 76 80 84	3 0 0 0 0		1.3% 0.0% 0.0% 0.0% 0.0%
9 10 11 12 13 14	16 22 26 21 10	14.3% 19.6% 23.2% 18.8% 8.9%	14000 16000 18000 20000 22000 24000	19 13 5 0 1	286 322 358 394 429	0.7% 0.3% 0.0% 0.1% 0.0%	64 68 72 76 80	3 0 0 0		1.3% 0.0% 0.0% 0.0% 0.0%

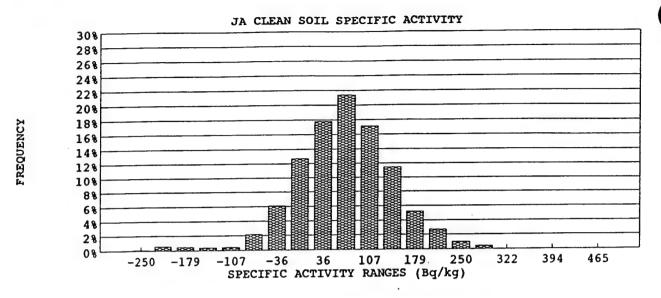


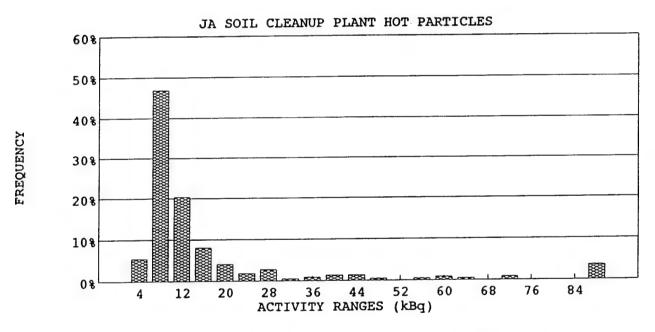


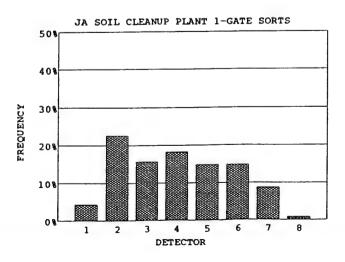


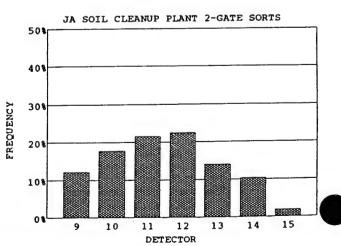


SORT	ER 2							8-Feb-94	
	S	ORTER SOIL	DENSITY	1.20 to	ns/m³	1	BACKGROUND		0.80 ± 0.04 c
SOIL					CONTAI	<b>INATED</b>	CLEAN		TOTAL
	MASS TOT	AL				tons	97.1 ton	s	97.6 tons
	MAXIMUM	A/SORT			5.6	-	55.9 kg		
	MINIMUM				0.7	-	50.3 kg		
	VOLUME	N-GROUND			0.4	yd³	76.9 yd³		77.4 yd <sup>3</sup>
	WEIGHT R	ECOVERY (C	LEAN/(HO)	(+CLEAN)	)	99.4%			
ACTI	VITY						DISPER	SED + PART	ICLE
					PAR	TOLE	нот		CLEAN
	TOTAL				4,501	kBq	2,363 kBd	I	5,059 kBq
	MAXIMUN	1/SORT			507	kBq	370 kB		15 kBq
	MINIMUM				2	kBq	0 Bq		-18 kBq
	SPECIFIC A						4,350 Bq/	kg	52 Bq/kg
SORT						•			
		OCESS PERIO	วกร				1,746		UNEXP PAUSE
		LL 80 ELEME		MD>0&M1	VD=0)	0	-,		тие тие
		ONE (AD=0 &			,	1,240			10:26 None
	10	OME(AD=0 &	O <md<mn< td=""><td>Dmax&amp;MN</td><td>D<mndmax< td=""><td></td><td></td><td></td><td></td></mndmax<></td></md<mn<>	Dmax&MN	D <mndmax< td=""><td></td><td></td><td></td><td></td></mndmax<>				
		NEXPLAINEI			0	,			
	U		AD<1kBq &		1				
			D=0 & MD>		0				
			D<0& MD>		0				
	2-SEC COL	UNTPERIOD		-			17,460		
		-SEC RECOR		ORTS		222			
	_	-SEC RECOR				17,238			
		OCESS RECO			o-s PERIODS	5)	1,968		
		ESSING RECO				,	14		
		RT DETECTOR	•	•	,				
		DET	169	76.1%		5 DET	0	0.0%	
		DET	44	19.8%		6 DET	0	0.0%	
		DEL	7	3.2%		7 DET	0	0.0%	
		DET	2	0.9%		8 DET	0	0.0%	
	AVERAGE	TIME BETWI	EEN 2-SEC	SORTS	206.6	sec			
FREC	UENCY	Y DISTRI	BUTION	S					
	ESORTS	20101111	ACT_ND	NUM	SPEC_A	FREO%	ACT_P	NUM	FREQ%
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)	
1	5	4.3%	-14000	2	-250	0.1%	4	12	5.4%
2	26	22.6%	-12000	10	-215	0.6%	8	104	46.8%
3	18	15.7%	-10000	9	-179	0.5%	12	45	20.3%
3 4	21	18.3%	-8000	7	-143	0.4%	16	18	8.1%
5	17	14.8%	-6000	8	-107	0.5%	20	9	4.1%
6	17	14.8%	-4000	38	-72	2.2%	24	4	1.8%
7	10	8.7%	-2000	107	-36	6.1%	28	6	2.7%
γ	10	0.9%	0	223	0	12.7%	32	1	0.5%
OTAL	115	5.770	2000	313	36	17.8%	36	2	0.9%
JIM	**3		4000	376	72	21.4%	40	3	1.4%
2_GAT	ESORTS		6000	301	107	17.1%	44	3	1.4%
DET	SORTS	FREQ%	8000	201	143	11.4%	48	1	0.5%
9	13	12.1%	10000	91	179	5.2%	52	0	0.0%
10	19	17.8%	12000	48	215	2.7%	56	1	0.5%
11	23	21.5%	14000	18	250	1.0%	60	2	0.9%
12	24	22.4%	16000	8	286	0.5%	64	1	0.5%
13	15	14.0%	18000	0	322	0.0%	68	0	0.0%
14		10.3%	20000	o	358	0.0%	72	2	0.9%
15	11 2	1.9%	22000	0	394	0.0%	76	0	0.0%
TATO	107	1.970	24000	0	429	0.0%	80	0	0.0%
UIAL	10/		26000	0	465	0.0%	84	0	0.0%
			>28000		0	0.0%	>84	8	3.6%
			_	1.760	U	0.070	TOTAL	222	3.070
			TOTAL	1,760				222	
EVENT		HPE	230	MPE	546	DISE	0		





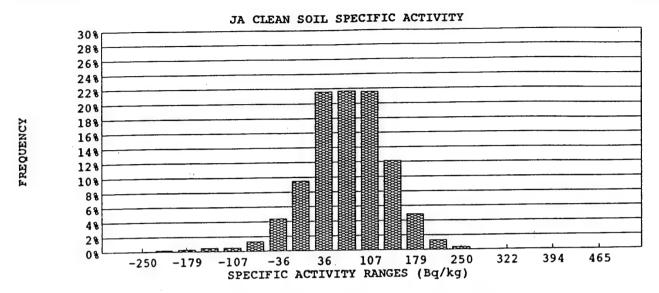


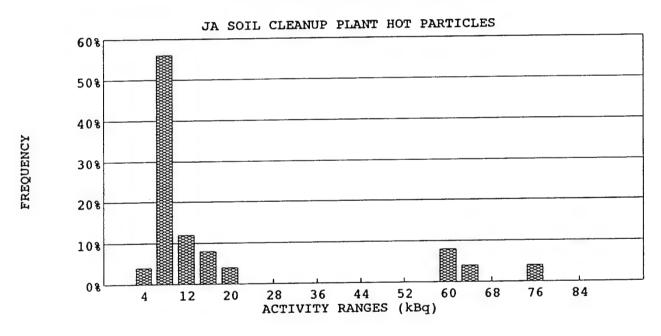


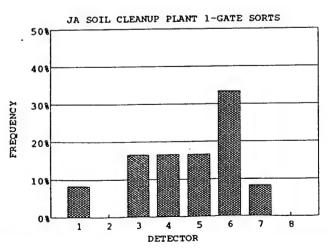
19-Feb-94

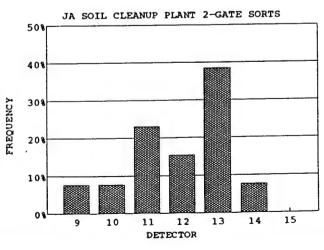
WORK DAY START	05:00 AM		WORK DA	YEND		15:30 PM		
LUNCH START	11:00 AM		TIME LOST	DURINGL	JNCH	0.0 HR		
		SORTER 1	SORTER	2 SORTI	ER 3	SORTER 4	TOTAL	
							(sorter	•
WORK HOURS		10.5 hr	10.5			10.5 hr	42.0	
SORTER AVAILABLE HOUR	S	6.8 hr	6.8	hr 0.0	hr	0.0 hr	13.5	hr
SORTER START-UP		06:30	06:30	NA		NA		
START SOIL PROCESSING		06:53	06:53	NA		NA		
TIME REQUIRED TO START	-UP	0.4 hr	0.4	hr 0.0	hr	0.0 hr	0.8	hr
SORTER SHUT-DOWN		13:15	13:15	NA		NA		
END SOIL PROCESSING		12:55	12:56	NA		NA		
TIME REQUIRED TO SHUT I	OOWN	0.3 hr	0.3	hr 0.0	hr	0.0 hr	0.6	hr
ACTUAL PROCESS HOURS		6.0 hr	6.1	hr 0.0	hr	0.0 hr	12.1	hr
DOWN-TIME		0.7 hr	0.7	hr 0.0	hr	0.0 hr	1.4	hr
SYSTEM PAUSE		0.0 hr	0.0	hr 0.0	hr	0.0 hr	0.0	hr
SORTER NONAVAILABLE TI	ME	3.7 hr	3.7	hr 10.0	hr	10.0 hr	27.5	hr
AUTHORIZED DELAY TIME		0.0 hr	0.0	hr 10.0	hr	10.0 hr .	20.0	hr
PLANT PERFORMANCE							89.6%	
PRODUCTIVTY							28.8%	
PRODUCTIVITY								
Date	1	19-Feb-94		Excused Delay	ys for da	y (sorter-hrs)	20	) hr
Contract day (from 6 Sep)		132		Excused delay	s for cor	itract (sorter-hrs)	1,786	hr
Current Contract week		22		Excused delay				days
				Excused delay	months	(plant-month)	1.72	months
Soil production for Day		122 M	Τ					
Cumlative Soil Production for We	eek	1,122 M	Τ	Percent of con	tract co	mpleted	34.8%	
Total Soil production for contrac	t			Tons Ahead o	r Behind	l Schedule	1,708	MT
Since 6 Sep 93		33,168 M	Т	Days ahead or	behind	schedule	5	days
Since 6 Aug 9	3	34,759 M	Т					
Total Soil production for project		61,045 M	Т					

SORT	ER 1							-Feb-94		
		ORTER SOIL I	DENSITY	1.20 tor	ns/m³	B	BACKGROUND		0.66 :	
SOIL					CONTAM	INATED	CLEAN		TOTA	L
	MASS TOTA	AL			0.1	tons	60.8 tons		60.8 t	ons
_	MAXIMUM				2.8	kg	55.9 kg			
	MINIMUM/				0.7	kg	53.1 kg			
•	VOLUME I	N-GROUND			0.0		48.2 yd³		48.2 y	d³
•	WEIGHTR	ECOVERY (C	LEAN/(HOT	+CLEAN)		99.9%				
CTIV	VITY						DISPERS	ED + PART		
					PART	ICLE	HOT		CLEAN	
	TOTAL				400	kBq	234 kBq		3,351 k	•
	MAXIMUM	SORT			72	kBq	46 kBq		13 k	-
	MINIMUM/				4	kBq	0 Bq		-14 k	•
	SPECIFIC A	CTIVITY					3,719 Bq/k	ß	33 I	3q/kg
ORT	S									
	20-SEC PR	OCESS PERIO	DS				1,088		UNEXP	
•	A	LL 80 ELEMEN	TS SORT (	4M&0 <um< td=""><td><math>\mathbf{D} = 0</math>)</td><td>0</td><td></td><td></td><td>ТІМЕ</td><td>TIME</td></um<>	$\mathbf{D} = 0$ )	0			ТІМЕ	TIME
	N	ONE (AD=0&	MD=0&M	(ND>0		1,015			None	None
	SC	OME (AD>0&	O <md<mn< td=""><td>Dmax&amp;MN</td><td>D<mndmax)< td=""><td>73</td><td></td><td></td><td></td><td></td></mndmax)<></td></md<mn<>	Dmax&MN	D <mndmax)< td=""><td>73</td><td></td><td></td><td></td><td></td></mndmax)<>	73				
	U	NEXPLAINED	RECORDS		0					
		0<	AD<1kBq &	MD>0	0					
		AI	)=0 & MD>	0	0					
			>0 & MD >	•0	0		10.880			
:	2-SEC COU	JNT PERIODS				25	10,880			
		-SEC RECORI				10,855				
	2-	-SEC RECORI	DS WITHOU	)1.20K12	- DEDIODS		1,113			
	TOTAL PRO	OCESS RECOI	RDS (2-s SC	offication	ors PERIODS	"	6			
		ESSING RECO		anoration, e	,,,,		•			
:		T DETECTOR	17	68.0%		5 DET	0	0.0%		
		DET DET	6	24.0%		6 DET	0	0.0%		
		DET	1	4.0%		7 DET	0	0.0%		
		DET	Ī	4.0%		8 DET	0	0.0%		
		TIME BETWE	EN 2-SEC	SORTS	1280.0	sec				
TREC	TIENCY	DISTRI	BUTION	IS						
	ESORTS	Diolitic	ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1	1	8.3%	-14000	` ó	-250	0.0%	4	1		4.0%
2	0	0.0%	-12000	2	-215	0.2%	8	14		56.0%
3	2	16.7%	-10000	3	-179	0.3%	12	3		12.0%
4	2	16.7%	-8000	5	-143	0.5%	16	2		8.0%
5	2	16.7%	-6000	5	-107	0.5%	20	1		4.0% 0.0%
6	4	33.3%	-4000	14	-72	1.3%	24	0		0.0%
7	1	8.3%	-2000	48	-36	4.4%	28	0		0.0%
8	0	0.0%	0	104	0	9.5%	32	0		0.0%
TOTAL	12		2000	236	36	21.6%	36 40	0		0.0%
			4000	237	72	21.7%	40 44	0		0.0%
	ESORTS		6000	236	107 143	21.6% 12.2%	48	0		0.0%
DET	SORTS	FREQ%	8000	133	143	4.8%	52	0		0.0%
9	1	7.7%	10000	53 14	215	1.3%	56	0		0.0%
10	1	7.7%	12000 14000	4	250	0.4%	60	2		8.0%
11	3	23.1%	16000	0	286	0.0%	64	1		4.0%
12 13	2 5	15.4% 38.5%	18000	0	322	0.0%	68	0		0.0%
		36.3% 7.7%	20000	0	358	0.0%	72	0		0.0%
14	1	0.0%	22000	0	394	0.0%	76	1		4.0%
15 DOTAL	<u>0</u>	0.070	24000	0	429	0.0%	80	0		0.0%
TOTAL	13		26000	0	465	0.0%	84	0		0.0%
			>28000	0	0	0.0%	>84	0	-	0.0%
			TOTAL	1,094	v		TOTAL	25		
		HPE_	25	MPE_	65	DISE	0			





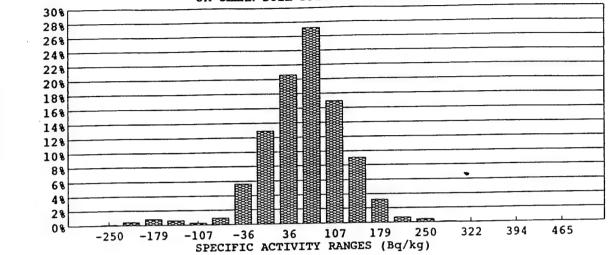




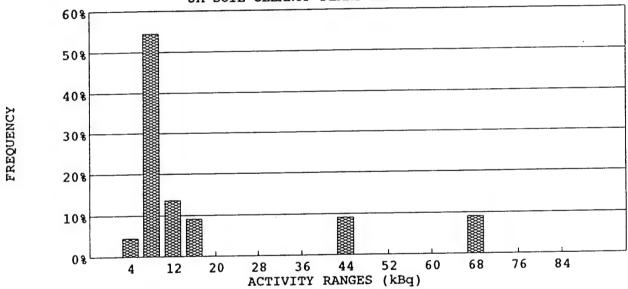
SORT	ER?							19-Feb-94		
SUKI		RTER SOIL	DENSITY	1.20 to	ns/m³		BACKGROU		0.76	± 0.02 c
SOIL					CONTAN	MINATED	CLEA	N.	TOTA	IL.
	MASS TOTA	AL.			0.2	tons	60.7	tons	60.9 1	ons
	MAXIMUM				2.8	kg	55.9	kg		
	MINIMUM/				0.7	kg	53.1	-		
		N-GROUND			0.1	•	48.1	yd³	48.3 5	/d³
•	WEIGHTRI	ECOVERY (	CLEAN/(HO)	+CLEAN)	)	99.8%				
ACTIV	VITY						DISI	PERSED + PART		
					PART	NOLE	нот		CLEAN	
	TOTAL					kBq	393	•	2,588 1	_
3	MAXIMUM	/SORT				kBq		kBq	16 1	_
1	MINIMUM/	SORT			2	kBq		Bq	-15 1	_
	SPECIFIC A	CTIVITY					2,586	Bq/kg	45 1	3q/kg
SORT	S									
:	20-SEC PR	OCESS PERI	ODS				1,089			PAUSE
			ENTS SORT (		$\sqrt{D}=0$	0			ПМЕ	TIME
	NO	ONE (AD=0	& MD=0 & M	(ND>0)		901			None	None
					D <mndmax< td=""><td>) 188</td><td></td><td></td><td></td><td></td></mndmax<>	) 188				
	Ui		D RECORDS		0					
			<ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>		0					
			D=0 & MD>		0					
			D<0 & MD >	0	0		10.000			
- 2		INT PERIOD					10,890			
			DS WITH SO			22				
	2-	SEC RECOR	DS WITHOU	TSORTS	PERIOD	10,868	1 111			
•	TOTAL PRO	OCESS RECO	ORDS (2-s SC	RTS and 20	-s PERIODS	<b>&gt;</b> )	1,111			
			ORDS (Test, o	alibration, o	eic)		3			
- 3		TDETECTO		72 70%		5 DET	0	0.0%		
		DET	16	72.7%		6 DET	o	0.0%		
		DET	5	22.7% 4.5%		7 DET	0	0.0%		
		DET	1	0.0%		8 DET	0	0.0%		
		DET TIME BETW	EEN 2-SEC		1361.3					
			BUTION							
		DISTIN	ACT_ND	NUM	SPEC_A	FREO%	ACT_P	NUM		FREQ%
	ESORTS	ED EOW	_	(#)	(Bq/kg)	I REQ.	(kBq)	(#)		
	SORTS	FREQ%	(Bq) -14000	(")	-250	0.1%	4	ì		4.5%
1 2	0	0.0% 27.3%	-12000	5	-215	0.5%	8	12		54.5%
3	3	9.1%	-10000	9	-179	0.8%	12	3		13.6%
4	1	9.1%	-8000	7	-143	0.6%	16	2		9.1%
5	2	18.2%	-6000	3	-107	0.3%	20	0		0.0%
6	2	18.2%	-4000	10	-72	0.9%	24	0		0.0%
7	1	9.1%	-2000	61	-36	5.6%	28	0		0.0%
8	1	9.1%	0	141	0	12.9%	32	0		0.0%
TOTAL	11		2000	225	36	20.6%	36	0		0.0%
			4000	297	72	27.2%	40	0		0.0%
2-GAT	ESORTS		6000	185	107	16.9%	44	2		9.1 <i>%</i> 0.0%
DET	SORTS	FREQ%	8000	99	143	9.1%	48	0		0.0%
9	1	9.1%	10000	35	179	3.2%	52	0		0.0%
10	1	9.1%	12000	8	215	0.7%	56	0		0.0%
11	4	36.4%	14000	5	250	0.5%	60	0		0.0%
12	1	9.1%	16000	1	286	0.1%	64	2		9.1%
13	1	9.1%	18000	0	322	0.0%	68	0		0.0%
14	2	18.2%	20000	0	358	0.0%	72 76	0		0.0%
15	1	9.1%	22000	0	394	0.0%	76 . 80	0		0.0%
OTAL	11		24000	0	429 465	0.0%	. 80	0		0.0%
			26000	0	465	0.0%		0		0.0%
			>28000 _	0	0	0.0%	>84 TOTAL	22	_	3.070
			TOTAL	1,092				22		
4 FF's PT' 7	YPES	HPE	24	MPE	193	DISE	0			

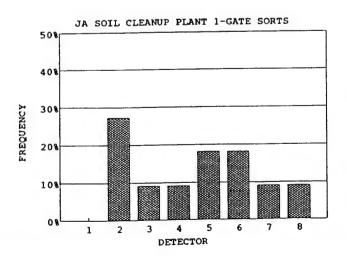
FREQUENCY

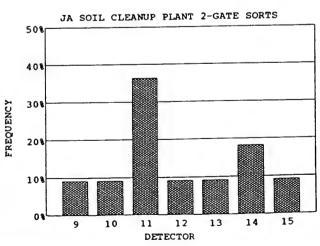




## JA SOIL CLEANUP PLANT HOT PARTICLES







21-Feb-94

WORK DAY START	06:00 AM	1	WORK DAY	END	16:30 PM	
LUNCH START	11:00 AM	ſ	TIME LOST I	DURING LUNCH	0.5 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL
		50111211				(sorter hours)
WORK HOURS		10.0 hr	10.0 h	r 10.0 hr	10.0 hr	40.0 hr
SORTER AVAILABLE HOU	JRS	0.0 hr	0.0 h	o.0 hr	0.0 hr	0.0 hr
SORTER START-UP		NA	NA	NA	NA	
START SOIL PROCESSING		NA	NA	NA	NA	
TIME REQUIRED TO STAI		0.0 hr	0.0 h	r 0.0 hr	0.0 hr	0.0 hr
SORTER SHUT-DOWN		NA	NA	NA	NA	
END SOIL PROCESSING		NA	NA	NA	NA	
TIME REQUIRED TO SHU	TDOWN	0.0 hr	0.0 h	0.0 hr	0.0 hr	0.0 hr
ACTUAL PROCESS HOUR		0.0 hr	0.0 h	0.0 hr	0.0 hr	0.0 hr
DOWN-TIME		0.0 hr	0.0 h	0.0 hr	0.0 hr	0.0 hr
SYSTEM PAUSE		0.0 hr	0.0 hi	r 0.0 hr	0.0 hr	0.0 hr
SORTER NONAVAILABLE	TIME	10.0 hr	10.0 h	r 10.0 hr	10.0 hr	40.0 hr
AUTHORIZED DELAY TIM		0.0 hr	0.0 h	r 10.0 hr	10.0 hr	20.0 hr
PLANT PERFORMANCE	· L					NA
PRODUCTIVTY						0.0%
PRODUCTIVITY						
Date		21-Feb-94	E	xcused Delays for	day (sorter – hrs)	20 hr
Contract day (from 6 Sep)		133	E	xcused delays for c	ontract (sorter-hrs)	1,826 hr
Current Contract week		23		xcused delay days	•	46 days
			E	xcused delay mont	hs (plant-month)	1.76 months
Soil production for Day		0 M7				
Cumlative Soil Production for	Week	0 M		ercent of contract		34.8%
Total Soil production for conta	ract		Т	ons Ahead or Behi	ind Schedule	1,708 MT
Since 6 Sep		33,168 M7	r D	ays ahead or behir	nd schedule	5 days
Since 6 Au		34,759 M7	Γ			
Total Soil production for proje	-	61,045 M7	r			

22-Feb-94

WORK DAY START	06:00	AM	WORK DAY	END	16:30 PM		
LUNCH START	11:00	AM	TIME LOST	DURING LUNCH	0.5 HR		
		SORTER 1	SORTER	2 SORTER 3	SORTER 4	TOTAL	
				4001	1001	(sorter he	,
WORK HOURS		10.0 hr			10.0 hr	40.0 1	
SORTER AVAILABLE HO	URS	0.0 hr			0.0 hr	0.0 1	nr
SORTER START-UP		NA	NA	NA	NA		
START SOIL PROCESSING		NA	NA	NA	NA	0.01	
TIME REQUIRED TO STA	RT-UP	0.0 hr	• • • • • • • • • • • • • • • • • • • •		0.0 hr	0.0	hr
SORTER SHUT-DOWN		NA	NA	NA	NA		
END SOIL PROCESSING		NA	NA	NA	NA		
TIME REQUIRED TO SHU	JT DOWN	0.0 hr	0.0		0.0 hr	0.0 1	
ACTUAL PROCESS HOUR	lS .	0.0 hr	0.0	hr 0.0 hr	0.0 hr	0.0 1	
DOWN-TIME		0.0 hr	0.0	hr 0.0 hr	0.0 hr	0.0 1	
SYSTEM PAUSE		0.0 hr	0.0	hr 0.0 hr	0.0 hr	0.0 1	
SORTER NONAVAILABLE	ETIME	10.0 hr	10.0	hr 10.0 hr	10.0 hr	40.0 1	
AUTHORIZED DELAY TI	ME	10.0 hr	10.0	hr 10.0 hr	10.0 hr	40.0 1	hr
PLANT PERFORMANCE						NA	
PRODUCTIVTY						0.0%	
PRODUCTIVITY							
Date		22-Feb-94	1	Excused Delays for o	lay (sorter-hrs)	40 I	hr
Contract day (from 6 Sep)		134	1	Excused delays for o	ontract (sorter-hrs)	1,866 1	
Current Contract week		23	1	Excused delay days (	plant-days)	47 (	days
			1	Excused delay month	ıs (plant-month)	1.79 ı	months
Soil production for Day		, 0 M	Т				
Cumlative Soil Production for	r Week	0 M	T	Percent of contract of	completed	34.8%	
Total Soil production for con-	tract			Tons Ahead or Behi	nd Schedule	1,708	MT
Since 6 Se		33,168 M	T	Days ahead or behin	d schedule	5 (	days
Since 6 Au	•	34,759 M	Т				
Total Soil production for proj	•	61,045 M	Т				

WORK DAY START 06:00	AM	WORK DAY EN		16:30 PM		
LUNCH START 11:00	AM	TIME LOST DU	IRING LUNCH	0.5 HR		
	SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL	
					(sorter l	nours)
WORK HOURS	10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0	hr
SORTER AVAILABLE HOURS	0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0	hr
SORTER START-UP	NA	NA	NA	NA		
START SOIL PROCESSING	NA	NA	NA	NA		
TIME REQUIRED TO START-UP	0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0	hr
SORTER SHUT-DOWN	NA	NA	NA	NA		
END SOIL PROCESSING	NA	NA	NA	NA		
TIME REQUIRED TO SHUT DOWN	0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0	hr
ACTUAL PROCESS HOURS	0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0	hr
DOWN-TIME	0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0	hr
SYSTEM PAUSE	0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0	hr
SORTER NONAVAILABLE TIME	10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0	hr
AUTHORIZED DELAY TIME	10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0	hr
PLANT PERFORMANCE					NA	
PRODUCTIVTY					0.0%	
PRODUCTIVITY						
Date	23-Feb-94	Exc	used Delays for d	lay (sorter – hrs)	40	hr
Contract day (from 6 Sep)	135	Excu	used delays for co	ontract (sorter-hrs)	1,906	hr
Current Contract week	23	Exc	used delay days (	plant – days)		days
Current Constant in the		Exc	used delay month	ns (plant-month)	1.83	months
Soil production for Day	0 MT	Γ				
Cumlative Soil Production for Week	0 MT	r Pero	cent of contract o	ompleted	34.8%	
Total Soil production for contract		Ton	s Ahead or Behi	nd Schedule	1,708	MT
Since 6 Sep 93	33,168 MT	r Day	s ahead or behin	d schedule	5	days
Since 6 Aug 93	34,759 MT					
Total Soil production for project	61,045 M7					
MT = metric tons						

WORK HISTORY - JA SOIL CLEANUP PLANT 24-Feb-94

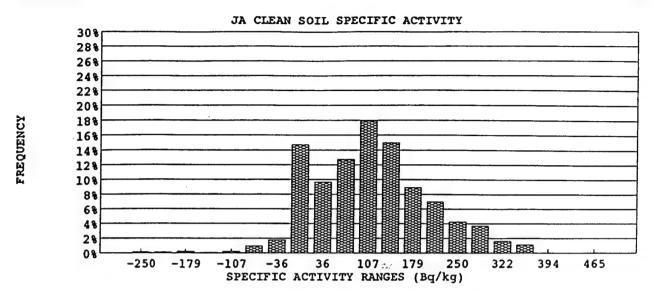
WORK DAY START	06:00	AM	WORK DAY EN	ID.	16:30 PM	
LUNCH START	11:00	AM	TIME LOST DU	RING LUNCH	0.5 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL (sorter hours)
WORK HOURS		10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
SORTER AVAILABLE H	IOURS	0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
SORTER START-UP		NA	NA	NA	NA	
START SOIL PROCESSI	NG	NA	NA	NA	NA	
TIME REQUIRED TO S		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
SORTER SHUT-DOWN		NA	NA	NA	NA	
END SOIL PROCESSING		NA	NA	NA	NA	
TIME REQUIRED TO S		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
ACTUAL PROCESS HO		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
DOWN-TIME		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
SYSTEM PAUSE		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
SORTER NONAVAILAE	LETIME	10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
AUTHORIZED DELAY		10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
PLANT PERFORMANCE						NA
PRODUCTIVTY						0.0%
PRODUCTIVITY						
Date		24-Feb-94		ised Delays for d		40 hr
Contract day (from 6 Sep)		136	Excu	ised delays for co	ntract (sorter-hrs)	1,946 hr
Current Contract week		23	Excu	ised delay days (¡	olant – days)	49 days
			Excu	ised delay month	s (plant-month)	1.87 months
Soil production for Day		0 MT				
Cumlative Soil Production	for Week	0 MT	Perc	ent of contract co	ompleted	34.8%
Total Soil production for c	ontract		Tons	Ahead or Behin	d Schedule	1,708 MT
Since 6		33,168 MT	Days	ahead or behind	i schedule	5 days
Since 6	Aug 93	34,759 MT	•			
Total Soil production for p	roject	61,045 MT	•			
•						

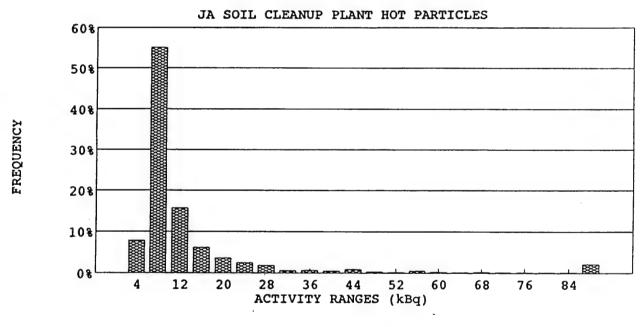
WORK DAY START	06:00	AM	WORK DAY E		16:30 PM	
LUNCH START	11:00	AM	TIME LOST DU	IRING LUNCH	0.5 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL
						(sorter hours)
WORK HOURS		10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
SORTER AVAILABLE H	IOURS	0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
SORTER START-UP		NA	NA	NA	NA	
START SOIL PROCESSI	NG	NA	NA	NA	NA	
TIME REQUIRED TO ST		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
SORTER SHUT-DOWN		NA	NA	NA	NA	
END SOIL PROCESSING		NA	NA	NA	NA	
TIME REQUIRED TO SE		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
ACTUAL PROCESS HOU		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
DOWN-TIME		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
SYSTEM PAUSE		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
SORTER NONAVAILAB	RETIME	10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
AUTHORIZED DELAY		10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
PLANT PERFORMANCE						NA
PRODUCTIVTY						0.0%
PRODUCTIVITY						
Date		25-Feb-94	Exc	used Delays for d	ay (sorter-hrs)	40 hr
Contract day (from 6 Sep)		137	Exci	used delays for co	ontract (sorter-hrs)	1,986 hr
Current Contract week		23	Exci	ısed delay days (Į	plant-days)	50 days
			Exc	ised delay month	s (plant-month)	1.91 months
Soil production for Day		0 M				
Cumlative Soil Production	for Week	0 M	T Perc	ent of contract co	ompleted	34.8%
Total Soil production for o	ontract		Ton	s Ahead or Behin	nd Schedule	1,708 MT
Since 6		33,168 M	T Day	s ahead or behind	i schedule	5 days
Since 6	Aug 93	34,759 M	T			
Total Soil production for p	roject	61,045 M	T			
MT = metric tons						
MI - Heart tota						

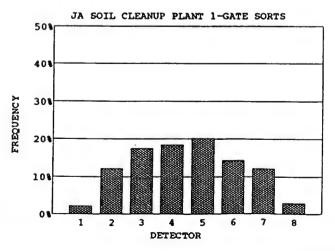
WORK HISTORY -	IA SOII	CLEANUD DLANT	r
WORK HISTORY -	TA SOIL	CLEANUP PLAN	

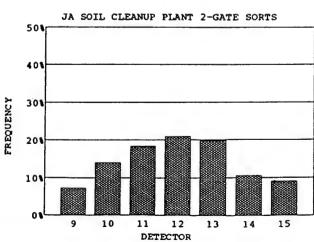
WORK DAY START	06:00 AM	I	WORK DAY I	END	16:30 PM	
LUNCH START	11:00 AM		TIMELOST	URING LUNCH	0.0 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL
						(sorter hours)
WORK HOURS		10.5 hr	10.5 hr	10.5 hr	10.5 hr	42.0 hr
SORTER AVAILABLE HOU	RS	10.0 hr	10.0 hr	0.0 hr	0.0 hr	20.0 hr
SORTER START-UP		06:00	06:00	NA	NA	
START SOIL PROCESSING		06:27	06:26	NA	NA	
TIME REQUIRED TO STAR	T-UP	0.5 hr	0.4 hr	0.0 hr	0.0 hr	0.9 hr
SORTER SHUT-DOWN		16:00	16:00	NA	NA	
END SOIL PROCESSING		15:25	15:27	NA	NA	
TIME REQUIRED TO SHUT	DOWN	0.6 hr	0.5 hr	0.0 hr	0.0 hr	1.1 hr
ACTUAL PROCESS HOURS		8.3 hr	8.4 hr	0.0 hr	0.0 hr	16.6 hr
DOWN-TIME		1.8 hr	1.6 hr	0.0 hr	0.0 hr	3.4 hr
SYSTEM PAUSE		0.8 hr	0.7 hr	0.0 hr	0.0 hr	1.4 hr
SORTER NONAVAILABLE	TIME	0.5 hr	0.5 hr	10.0 hr	10.0 hr	21.0 hr
AUTHORIZED DELAY TIM	ΙE	0.0 hr	0.0 hr	10.0 hr	10.0 hr	20.0 hr
PLANT PERFORMANCE						83.2%
PRODUCTIVTY						39.6%
PRODUCTIVITY						
Date	2	26-Feb-94	Ex	cused Delays for da	ay (sorter – hrs)	20 hr
Contract day (from 6 Sep)		138	Exc	cused delays for co	ntract (sorter-hrs)	2,006 hr
Current Contract week		23	Exc	cused delay days (p	olant – days)	50 days
			Ex	cused delay months	s (plant-month)	1.93 months
Soil production for Day		166 MT	•			
Cumlative Soil Production for V	Week	166 MT	Per	cent of contract co	ompleted	34.9%
Total Soil production for contra	act			ns Ahead or Behin		1,716 MT
Since 6 Sep	93	33,334 MT	Da	ys ahead or behind	l schedule	5 days
Since 6 Aug	93	34,925 MT	•			
Total Soil production for project	et	61,211 MT	•			

SORT	TER 1							-Feb-94		
	S	ORTER SOIL	DENSITY	1.20 to			BACKGROUND		0.66	
SOIL					CONTAI	INATED	CLEAN		TOTA	
	MASS TOT	AL			9.4	tons	73.6 tons		83.0 t	ons
	MAXIMUN	1/SORT			58.1	•	55.9 kg			
	MINIMUM				0.7	-	43.3 kg		650	
		N-GROUND			7.5	-	58.3 yd <sup>3</sup>		65.8 y	ď
		ECOVERY (C	CLEAN/(HO	(+CLEAN)	)	88.7%				
ACTI	VITY							D + PARTIC		
						TICLE	нот	C	LEAN	_
	TOTAL				28,916	•	15,502 kBq		8,010 k	•
	MAXIMUN	I/SORT			3,730	•	2,094 kBq		20 k	•
	MINIMUM	/SORT			3	kBq	(1,605)Bq		-17 k	-
	SPECIFICA	ACTIVITY					1,646 Bq/kg		109 F	oq/kg
SORT	ΓS									
	20-SEC PR	OCESS PERIO	ODS				1,485			PAUSE
	Α	LL 80 ELEME	NTS SORT (	MD>0&MI	ND=0	154		7	пме	TIME
	N	ONE (AD=0 &	& MD=0 & M	(ND>0)		917			08:40	08:17
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		NEXPLAINE	DRECORDS		0					14:58
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		_	D<0 & MD >	•0	1		11050			15:14
	2-SEC CO	UNT PERIOD	S			4 (02	14,850			
		-SEC RECOR				1,603				
	2	-SEC RECOR	DS WITHOU	T SORTS		13,247	3,088			
	TOTAL PR	OCESS RECO	RDS (2-s SC	OR TS and 20	0-s PERIODS	·)	3,000			
		ESSING RECO		calibration,	etc)		4			
		RT DETECTO		76.0%		5 DET	6	0.4%		
		DET	1,218	19.3%		6 DET	0	0.0%		
		DET	310 60	3.7%		7 DET	1	0.1%		
		DET DET	9	0.6%		8 DET	0	0.0%		
		TIME BETWI	-	-	24.4					
EDEC	TIENICY	Y DISTRI	RITTION	S						
		DISTRI		NUM	SPEC_A	FREO%	ACT_P	NUM		FREQ%
	TESORTS	ED EOW	ACT_ND	(#)	(Bq/kg)	TREQU	(kBq)	(#)		
		FREQ%	(Bq) -14000	2	-250	0.1%	4	126		7.9%
1	18	2.2%		2	-215	0.1%	8	883		55.1%
2		12.2%	-12000 -10000	3	-179	0.2%	12	252		15.7%
3	143 151	17.5% 18.4%	-8000	1	-143	0.1%	16	99		6.2%
4 5	165	20.1%	-6000	3	-107	0.2%	20	58		3.6%
6	118	14.4%	-4000	14	-72	0.9%	24	39		2.4%
7	100	12.2%	-2000	26	-36	1.7%	28	30		1.9%
8	24	2.9%	0	219	0	14.7%	32	10		0.6%
TAL	819		2000	144	36	9.7%	36	11		0.7%
	•••		4000	190	72	12.8%	40	9		0.6%
2-GAT	TE SORTS		6000	266	107	17.9%	44	15		0.9%
		FREQ%	8000	223	143	15.0%	48	5		0.3%
DET		7.3%	10000	133	179	8.9%	52	2		0.1%
DET 9	57			104	215	7.0%	56	9 4		0.6% 0.2%
	57	14.0%	12000				60	4		0.270
9	57	14.0% 18.4%	14000	63	250	4.2%	60			
9 10 11 12	57 110 144 164	14.0% 18.4% 20.9%	14000 16000	63 55	286	3.7%	64	3		0.2%
9 10 11	57 110 144	14.0% 18.4%	14000 16000 18000	63 55 24	286 322	3.7% 1.6%	64 68	3 4		0.2% 0.2%
9 10 11 12	57 110 144 164	14.0% 18.4% 20.9%	14000 16000	63 55 24 17	286 322 358	3.7% 1.6% 1.1%	64 68 72	3 4 3		0.2% 0.2% 0.2%
9 10 11 12 13	57 110 144 164 155	14.0% 18.4% 20.9% 19.8%	14000 16000 18000 20000 22000	63 55 24	286 322 358 394	3.7% 1.6% 1.1% 0.0%	64 68 72 76	3 4 3 2		0.2% 0.2% 0.2% 0.1%
9 10 11 12 13	57 110 144 164 155 83	14.0% 18.4% 20.9% 19.8% 10.6%	14000 16000 18000 20000	63 55 24 17	286 322 358 394 429	3.7% 1.6% 1.1% 0.0% 0.0%	64 68 72 76 80	3 4 3 2 2		0.2% 0.2% 0.2% 0.1% 0.1%
9 10 11 12 13 14	57 110 144 164 155 83 71	14.0% 18.4% 20.9% 19.8% 10.6%	14000 16000 18000 20000 22000	63 55 24 17 0	286 322 358 394	3.7% 1.6% 1.1% 0.0% 0.0%	64 68 72 76 80 84	3 4 3 2 2 2		0.2% 0.2% 0.2% 0.1% 0.1%
9 10 11 12 13 14	57 110 144 164 155 83 71	14.0% 18.4% 20.9% 19.8% 10.6%	14000 16000 18000 20000 22000 24000	63 55 24 17 0	286 322 358 394 429	3.7% 1.6% 1.1% 0.0% 0.0%	64 68 72 76 80	3 4 3 2 2		0.2% 0.2% 0.2% 0.1% 0.1%





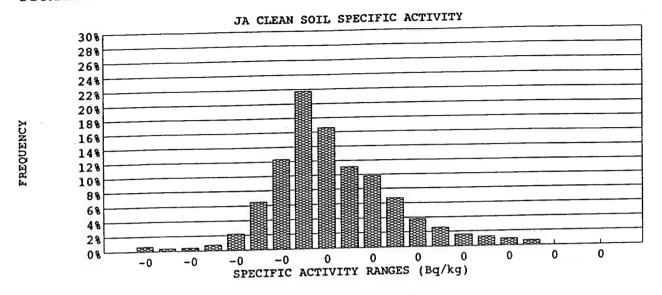


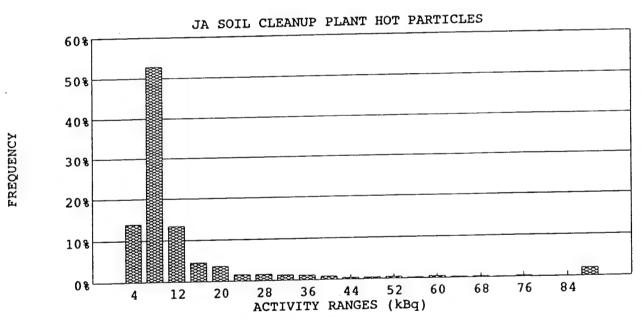


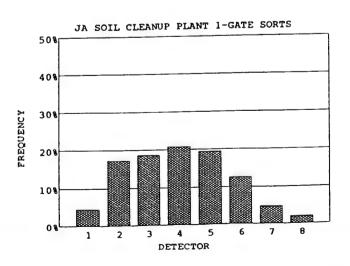
SORT	TER 2					_		Feb-94	n 74	- 004
	S	ORTER SOIL	DENSITY	1.20 to			ACKGROUND		0.76	
SOIL					CONTAN		CLEAN		TOTA	
	MASS TOT	AL				tons	9.3E+09 tons	915	+09 ı	ions
	MAXIMUN				58.1	-	9.3E+12 kg			
	MINIMUM				0.7	-	4.1E+01 kg	710		
	VOLUME	N-GROUNI	)		6.4	-	7.3E+09 yd3	/E	+09 y	ya <sup>5</sup>
	WEIGHTR	ECOVERY (	CLEAN/(HO	(+CLEAN	)	100.0%				
ACTI	VITY							D + PARTICI		
					PART	NOLE	нот		EAN	
	TOTAL				25,934	•	13,532 kBq	2	,331 1	_
	MAXIMUN				1,434	•	851 kBq		20 1	_
	MINIMUM	/SORT			2	kBq	(4,983)Bq		-23 1	_
	SPECIFICA	ACTIVITY					1,684 Bq/kg		0 1	3q/kg
SORT	rs									
		OCESS PERI	ODS				1,509			PAUSE
			ENTS SORT (	MD>0&MI	(0=QI	128		-	ME	TIME
	N	ONE (AD=0	& MD=0 & N	(ND>0		937		_	6:59	08:17
	S	OME (AD>0	&0 <md<mn< td=""><td>Dmax&amp;MN</td><td>D<mndmax)< td=""><td>563</td><td></td><td></td><td>8:38</td><td>14:58</td></mndmax)<></td></md<mn<>	Dmax&MN	D <mndmax)< td=""><td>563</td><td></td><td></td><td>8:38</td><td>14:58</td></mndmax)<>	563			8:38	14:58
			DRECORDS		(119)				8:39	15:02
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			D=0 & MD>		1				0:44	15:14
			D<0 & MD		4			1	1:57	
	2-SEC CO	UNTPERIOR					15,090	1	2:56	
			RDS WITH SO	ORTS		1,634		1	3:22	
			RDS WITHOU			13,456		1	5:14	
	TOTAL PR	OCESS RECO	ORDS (2-s SC	ORTS and 20	-s PERIODS	5)	3,143	1	5:27	
	NONPROC	ESSING REC	ORDS (Test,	calibration, e	etc)	•	4			
		TDETECTO			•					
	_	DET	1,216	74.4%		5 DET	3	0.2%		
	2	DET	334	20.4%		6 DET	0	0.0%		
	3	DET	70	4.3%		7 DET	0	0.0%		
		DET	11	0.7%		8 DET	0	0.0%		
	AVERAGE	TIME BETW	EEN 2-SEC	SORTS	24.8	sec				
FREC	DUENCY	/ DISTRI	BUTION	IS						
	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1	36 36	4.5%	-14000	10	-0	0.7%	4	228		14.0%
2	137	17.3%	-12000	6	-0	0.4%	8	863		52.8%
_	148	18.6%	-10000	7	-0	0.5%	12	219		13.4%
3	165	20.8%	-8000	12	-0	0.8%	16	75		4.6%
5	154	19.4%	-6000	33	-0	2.2%	20	60		3.7%
6	100	12.6%	-4000	98	-0	6.5%	24	26		1.6%
7	38	4.8%	-2000	186	-0	12.3%	28	26		1.6%
,	20		_000							1.3%
Q	16	2.0%	0	329	0	21.7%	32	22		
8 TOTAL	794	2.0%	0 2000	329 251	0	21.7% 16.6%	32 36	19		1.2%
_	<u>16</u> 794	2.0%	2000	251						0.9%
TOTAL	794	2.0%	2000 4000	251 168	0	16.6%	36	19 14 7		0.9% 0.4%
POTAL 2-GAT	794 TESORTS		2000 4000 6000	251 168 148	0	16.6% 11.1%	36 40	19 14 7 7		0.9% 0.4% 0.4%
OTAL 2-GAT DET	794 TE SORTS SORTS	FREQ%	2000 4000 6000 8000	251 168 148 101	0 0 0	16.6% 11.1% 9.8%	36 40 44	19 14 7 7 8		0.9% 0.4% 0.4% 0.5%
OTAL  2-GAT  DET  9	794 TE SORTS SORTS 102	FREQ% 12.1%	2000 4000 6000	251 168 148	0 0 0	16.6% 11.1% 9.8% 6.7%	36 40 44 48 52 56	19 14 7 7 8		0.9% 0.4% 0.4% 0.5% 0.2%
OTAL  2-GAT  DET  9 10	794 TE SORTS SORTS 102 182	FREQ% 12.1% 21.7%	2000 4000 6000 8000 10000 12000	251 168 148 101 57 39	0 0 0 0	16.6% 11.1% 9.8% 6.7% 3.8%	36 40 44 48 52	19 14 7 7 8		0.9% 0.4% 0.4% 0.5% 0.2% 0.5%
POTAL  2-GAT  DET  9 10 11	794 TE SORTS SORTS 102 182 176	FREQ% 12.1% 21.7% 21.0%	2000 4000 6000 8000 10000 12000 14000	251 168 148 101 57 39 24	0 0 0 0 0	16.6% 11.1% 9.8% 6.7% 3.8% 2.6%	36 40 44 48 52 56	19 14 7 7 8		0.9% 0.4% 0.4% 0.5% 0.2% 0.5%
2-GAT DET 9 10 11	794 TE SORTS SORTS 102 182 176 158	FREQ% 12.1% 21.7% 21.0% 18.8%	2000 4000 6000 8000 10000 12000 14000	251 168 148 101 57 39 24	0 0 0 0 0	16.6% 11.1% 9.8% 6.7% 3.8% 2.6% 1.6%	36 40 44 48 52 56 60	19 14 7 7 8 4		0.9% 0.4% 0.4% 0.5% 0.2% 0.5% 0.2%
2-GAT DET 9 10 11 12 13	794 TE SORTS SORTS 102 182 176 158 133	FREQ% 12.1% 21.7% 21.0% 18.8% 15.8%	2000 4000 6000 8000 10000 12000 14000 16000 18000	251 168 148 101 57 39 24 19	0 0 0 0 0 0	16.6% 11.1% 9.8% 6.7% 3.8% 2.6% 1.6% 1.3%	36 40 44 48 52 56 60 64	19 14 7 7 8 4 8		0.9% 0.4% 0.4% 0.5% 0.2% 0.5% 0.2% 0.2% 0.1%
2-GAT DET 9 10 11 12 13	794 TE SORTS SORTS 102 182 176 158 133 59	FREQ% 12.1% 21.7% 21.0% 18.8% 15.8% 7.0%	2000 4000 6000 8000 10000 12000 14000 16000 18000 20000	251 168 148 101 57 39 24	0 0 0 0 0 0 0	16.6% 11.1% 9.8% 6.7% 3.8% 2.6% 1.6% 1.3%	36 40 44 48 52 56 60 64	19 14 7 7 8 4 8 4		0.9% 0.4% 0.4% 0.5% 0.2% 0.5% 0.2% 0.1% 0.2%
2-GAT DET 9 10 11 12 13 14	794 TE SORTS SORTS 102 182 176 158 133 59 30	FREQ% 12.1% 21.7% 21.0% 18.8% 15.8%	2000 4000 6000 8000 10000 12000 14000 16000 18000 20000 22000	251 168 148 101 57 39 24 19 15	0 0 0 0 0 0 0	16.6% 11.1% 9.8% 6.7% 3.8% 2.6% 1.6% 1.3% 1.0% 0.7%	36 40 44 48 52 56 60 64 68 72	19 14 7 7 8 4 8 4		0.9% 0.4% 0.4% 0.5% 0.2% 0.5% 0.2% 0.1%
2-GAT DET 9 10 11 12 13	794 TE SORTS SORTS 102 182 176 158 133 59	FREQ% 12.1% 21.7% 21.0% 18.8% 15.8% 7.0%	2000 4000 6000 8000 10000 12000 14000 16000 18000 20000 22000	251 168 148 101 57 39 24 19 15 10	0 0 0 0 0 0 0 0	16.6% 11.1% 9.8% 6.7% 3.8% 2.6% 1.6% 1.3% 1.0% 0.7%	36 40 44 48 52 56 60 64 68 72 76	19 14 7 7 8 4 8 4 4 2		0.9% 0.4% 0.4% 0.5% 0.2% 0.2% 0.2% 0.1% 0.2% 0.1%
2-GAT DET 9 10 11 12 13 14	794 TE SORTS SORTS 102 182 176 158 133 59 30	FREQ% 12.1% 21.7% 21.0% 18.8% 15.8% 7.0%	2000 4000 6000 8000 10000 12000 14000 16000 20000 22000 24000 26000	251 168 148 101 57 39 24 19 15 10 0	0 0 0 0 0 0 0 0	16.6% 11.1% 9.8% 6.7% 3.8% 2.6% 1.6% 1.3% 0.7% 0.0% 0.0%	36 40 44 48 52 56 60 64 68 72 76	19 14 7 7 8 4 8 4 4 2 4		0.9% 0.4% 0.4% 0.5% 0.2% 0.5% 0.2% 0.1%
2-GAT DET 9 10 11 12 13 14	794 TE SORTS SORTS 102 182 176 158 133 59 30	FREQ% 12.1% 21.7% 21.0% 18.8% 15.8% 7.0%	2000 4000 6000 8000 10000 12000 14000 16000 18000 20000 22000	251 168 148 101 57 39 24 19 15 10 0	0 0 0 0 0 0 0 0 0	16.6% 11.1% 9.8% 6.7% 3.8% 2.6% 1.6% 1.3% 1.0% 0.7% 0.0%	36 40 44 48 52 56 60 64 68 72 76 80	19 14 7 7 8 4 8 4 4 2 4 1		0.9% 0.4% 0.4% 0.5% 0.2% 0.2% 0.2% 0.1% 0.2% 0.1%

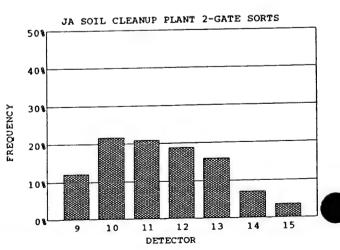
SORT	ER 2						2	6-Feb-94	
JOKA		ORTER SOIL	DENSITY	1.20 to	ns/m³		BACKGROUND		0.76 ± 0.04 c/s
SOIL					CONTAN	MINATED	CLEAN		TOTAL
	MASS TOT	AL			8.0	tons	75.0 tons		83.0 tons
	MAXIMUM	L/SORT			58.1	-	55.9 kg		
	MINIMUM				0.7	-	40.5 kg		660 B
		N-GROUND				yd³	59.5 yd³		65.8 yd³
		ECOVERY (	CLEAN/(HO)	+CLEAN)	)	90.3%			
ACTI	VIIY							SED + PARTIC	
						TCLE	HOT		EAN
1	TOTAL	, nonm			25,934		13,532 kBq 851 kBq		2,331 kBq 20 kBq
l .	MAXIMUM MINIMUM				1,434	kBq	(4,983)Bq		-23 kBq
1	SPECIFIC A				-	and .	1,684 Bq/	(g	31 Bq/kg
SORT		CHVIII						р	
		OCESS PERI	ODS				1,509	Uì	NEXP PAUSE
		LL 80 ELEME		MD>0&MI	(0=DN	128	- <del></del>		ме тиме
	N	ONE (AD=0	& MD=0 & M	(ND>0)		937		(	6:59 08:17
					D <mndmax< td=""><td>563</td><td></td><td></td><td>08:38 14:58</td></mndmax<>	563			08:38 14:58
		NEXPLAINE	D RECORDS		(119)				08:39 15:02
			<ad<1kbq &<="" td=""><td></td><td>5</td><td></td><td></td><td></td><td>9:52 15:04</td></ad<1kbq>		5				9:52 15:04
			D=0 & MD>	_	I				0:44 15:14
	a cno oo:		D<0 & MD >	•0	4		15.090		.1:57 .2:56
		UNT PERIOD		er a		1,634	13,090		.3:22
	_	-SEC RECOR -SEC RECOR				13,456			.5:14
					)-s PERIODS		3,143		5:27
		ESSING REC				,	4		
1		T DETECTO			,				
	1	DET	1,216	74.4%		5 DET	3	0.2%	
	2	DET	334	20.4%		6 DET	0	0.0%	
		DET	70	4.3%		7 DET	0	0.0%	
		DET	11	0.7%		8 DET	0	0.0%	
		TIME BETW OISTRI			24.8	SEC			
		DISTRI			CDEC A	ED EOØ	ACT P	NUM	FREQ%
	ESORTS	EDEO#	ACT_ND	NUM	SPEC_A (Bq/kg)	FREQ%	(kBq)	(#)	TREQA
DEI 1	SORTS 36	FREQ% 4.5%	(Bq) -14000	(#) 10	-250	0.7%	(KDQ)	228	14.0%
2	137	17.3%	-12000	6	-215	0.4%	8	863	52.8%
3	148	18.6%	-10000	7	-179	0.5%	12	219	13.4%
4	165	20.8%	-8000	12	-143	0.8%	16	75	4.6%
5	154	19.4%	-6000	33	-107	2.2%	20	60	3.7%
6	100	12.6%	-4000	98	-72	6.5%	24	26	1.6%
7	38	4.8%	-2000	186	-36	12.3%	28	26	1.6%
8	16	2.0%	0	329	0	21.7%	32	22 19	1.3% 1.2%
TOTAL	794		2000	251	36	16.6%	36 40	19	0.9%
2. 0 47	E CODTE		4000 6000	168 148	72 107	11.1% 9.8%	44	7	0.4%
2-GA1	E SORTS SORTS	FREQ%	8000	101	143	6.7%	48	7	0.4%
9	102	12.1%	10000	57	179	3.8%	52	8	0.5%
10	182	21.7%	12000	39	215	2.6%	56	4	0.2%
11	176	21.0%	14000	24	250	1.6%	60	8	0.5%
12	158	18.8%	16000	19	286	1.3%	64	4	0.2%
13	133	15.8%	18000	15	322	1.0%	68	4	0.2%
14	59	7.0%	20000	10	358	0.7%	72	2	0.1%
15	30	3.6%	22000	0	394	0.0%	76	4	0.2% 0.1%
TOTAL	840		24000	0	429	0.0%	80	1 1	0.1%
			26000	0	465	0.0%	84		2.0%
			>28000 _	1 513	0	0.0%	>84	1 634	2.070
			TOTAL	1,513			TOTAL	1,634	
<b>EVENT</b> 1	TYPES	HPE	1,733	MPE	29	DISE	10063		

#### SORTER 2





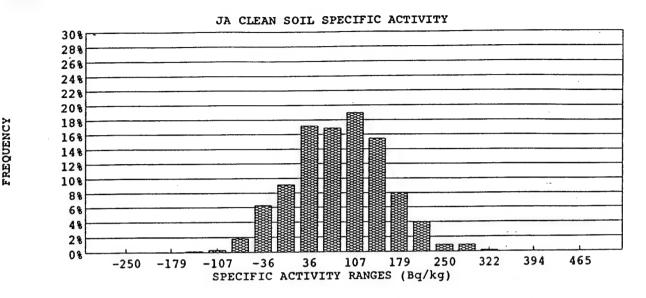


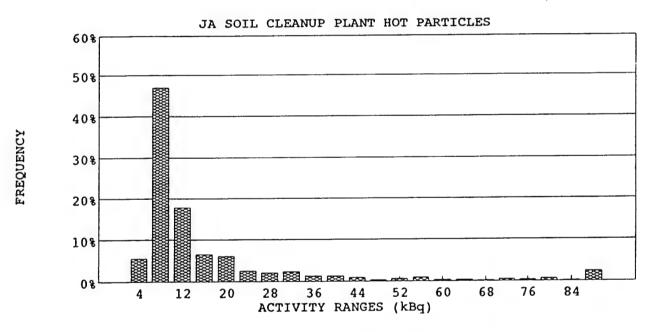


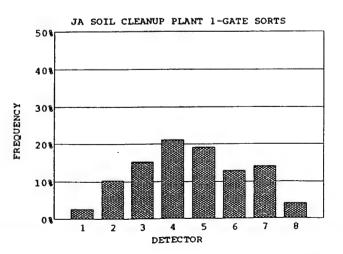
#### WORK HISTORY – JA SOIL CLEANUP PLANT 28-Fcb-94

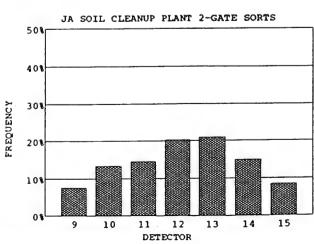
WORK DAY START	05:50 AM		WORK DAY E		16:30 PM	
LUNCH START	11:00 AM		TIME LOST DI	URING LUNCH	0.0 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL (sorter hours)
WORK HOURS		10.7 hr	10.7 hr	10.7 hr	10.7 hr	42.7 hr
SORTER AVAILABLE HOU	IRS	10.5 hr	10.5 hr	0.0 hr	0.0 hr	21.0 hr
SORTER START-UP		05:50	05:50	NA	NA	
START SOIL PROCESSING		06:24	06:25	NA	NA	
TIME REQUIRED TO STAR	T-UP	0.6 hr	0.6 hr	0.0 hr	0.0 hr	1.2 hr
SORTER SHUT-DOWN		16:20	16:20	NA	NA	
END SOIL PROCESSING		16:00	16:00	NA	NA	
TIME REQUIRED TO SHUT	NWOO	0.3 hr	0.3 hr	0.0 hr	0.0 hr	0.7 hr
ACTUAL PROCESS HOURS		9.6 hr	9.6 hr	0.0 hr	0.0 hr	19.1 hr
DOWN-TIME		0.9 hr	0.9 hr	0.0 hr	0.0 hr	1.9 hr
SYSTEM PAUSE		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
SORTER NONAVAILABLE	ПМЕ	0.2 hr	0.2 hr	10.0 hr	10.0 hr	20.3 hr
AUTHORIZED DELAY TIM	E	0.0 hr	0.0 hr	10.0 hr	10.0 hr	20.0 hr
PLANT PERFORMANCE						91.1%
PRODUCTIVTY						44.9%
PRODUCTIVITY						
Date	2	8-Feb-94		used Delays for da		20 hr
Contract day (from 6 Sep)		139			ntract (sorter-hrs)	2,026 hr
Current Contract week		24	Exc	used delay days (p	olant-days)	51 days
			Exc	used delay months	s (plant-month)	1.95 month
Soil production for Day		193 MT				
Cumlative Soil Production for V	Week	193 MT	Per	cent of contract co	ompleted	35.1%
Total Soil production for contra	act		Ton	s Ahead or Behin	d Schedule	1,750 MT
Since 6 Sep	93	33,526 MT	Day	s ahead or behind	schedule	6 days
Since 6 Aug	93	35,117 MT				
Total Soil production for project	n.t	61,404 MT				

SORT	ER 1						28	-Feb-94		
JUKI		ORTER SOIL	DENSITY	1.20 to	ns/m³	I	BACKGROUND		0.68	± 0.02
SOIL					CONTAN	MINATED	CLEAN		TOTA	AL.
	MASS TOT	AL.			0.5	tons	95.7 tons		96.2	ions
	MAXIMUM				4.2	kg	55.9 kg			
	MINIMUM				0.7	kg	51.7 kg			
_		N-GROUND			0.4	yd³	75.9 yd³		76.3	/d³
•	WEIGHTR	ECOVERY (C	LEAN/(HO	(+CLEAN)	)	99.5%				
ACTIV							DISPERS	ED + PART	ICLE	
					PART	<b>TICLE</b>	HOT		CLEAN	
	TOTAL				10,511	kBq	3,425 kBq		6,551	cВq
	MAXIMUM	USORT			335	kBq	181 kBq		17 1	cВq
•	MINIMUM				3	kBq	0 Bq		-7 1	cВq
	SPECIFIC A						7,090 Bq/k	8	68 1	Bq/kg
SORT										
		OCESS PERIO	DDS				1,721		UNEXP	PAUSE
•		LL 80 ELEME		MD>0&Mi	ND=0)	0	·		TIME	TIME
		ONE (AD=0 &			,	1,408			12:40	12:53
	N.	OME (AD=0 &	OCMDCMN	Dmax&MN	D <mndmax< td=""><td></td><td></td><td></td><td>13:33</td><td></td></mndmax<>				13:33	
		NEXPLAINEI			0	,				
	U		AD<1kBq &		2					
			D=0 & MD>		0					
			D<0 & MD >		0					
2	-SEC COL	JNT PERIOD:					17,210			
_		-SEC RECOR		ORTS		669				
	2-	-SEC RECOR	DS WITHOU	JT SORTS		16,541				
-	TOTAL PRO	OCESS RECO	RDS (2-s SC	RTS and 20	)-s PERIODS	S)	2,390			
1	NONPROC	ESSING RECO	ORDS (Test,	calibration,	etc)		8			
		TDETECTO								
	1 1	DET	488	72.9%		5 DET	I	0.1%		
	2 1	DET	145	21.7%		6 DET	0	0.0%		
	31	DET	29	4.3%		7 DET	0	0.0%		
		DET	6	0.9%		8 DET	0	0.0%		
		TIME BETWE			70.5	sec				
FREQ	<b>UENCY</b>	(DISTRI	BUTION	IS						
_	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1	9	2.7%	-14000	0	-250	0.0%	4	37		5.5%
2	35	10.3%	-12000	0	-215	0.0%	8	314		46.9%
3	52	15.3%	-10000	0	-179	0.0%	12	119		17.8%
4	72	21.2%	-8000	2	-143	0.1%	16	44		6.6%
5	65	19.2%	-6000	5	-107	0.3%	20	41		6.1%
6	44	13.0%	-4000	31	-72	1.8%	24	17		2.5% 2.1%
7	48	14.2%	-2000	108	-36	6.2%	28	14		2.1%
8 _	14	4.1%	0	157	0	9.1%	32	16 9		1.3%
TAL	339		2000	297	36	17.2%	36	9		1.3%
			4000	292	72	16.9%	40	6		0.9%
2-GATI			6000	328	107	19.0%	44	2		0.3%
	SORTS	FREQ%	8000	267	143	15.4%	48 53	4		0.5%
9	25	7.6%	10000	139	179	8.0%	52 5.6	6		0.9%
10	44	13.3%	12000	68	215	3.9%	56 <b>6</b> 0	2		0.3%
11	48	14.5%	14000	16	250	0.9%	60 64	2		0.3%
12	67	20.3%	16000	16	286	0.9%	68	1		0.1%
13	69	20.9%	18000	3	322	0.2%		3		0.4%
14	49	14.8%	20000	0	358	0.0%	<b>7</b> 2			
15	28	8.5%	22000	0	394	0.0%	76	2		0.3%
OTAL	330		24000	0	429	0.0%	80	4		0.6%
			26000	0	465	0.0%	84	1		0.1%
			>28000 _	0	0	0.0%	>84	16		2.4%
			TOTAL	1,729			TOTAL	669		
	YPES	HPE	678_	MPE	12	DISE	0			

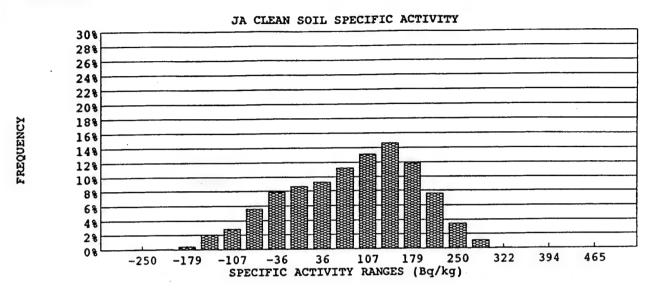


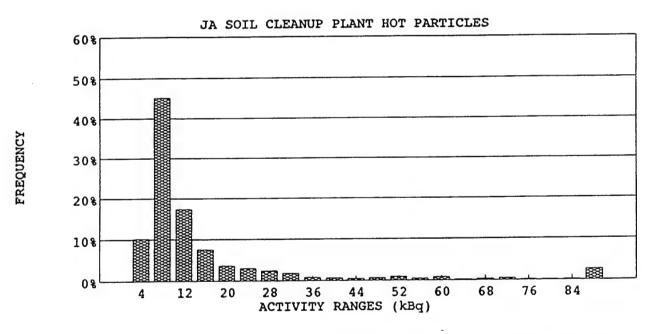


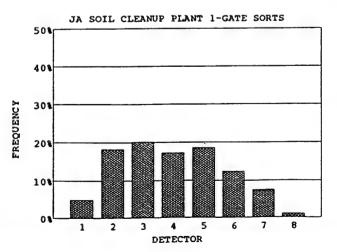


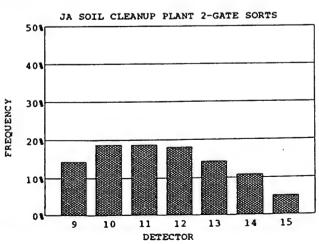


SORT	TER 2							-Feb-94		
	S	ORTER SOIL I	DENSITY	1.20 to			BACKGROUND		0.78	
SOIL					CONTAI	MINATED	CLEAN		TOTA	
	MASS TOT.	AL			0.5	tons	95.9 tons		96.4 1	ions
	MAXIMUM	I/SORT			55.9	kg	55.9 kg			
	MINIMUM	SORT			0.7	•	50.3 kg			
	VOLUMEI	N-GROUND				yd³	76.0 yd³		76.4 y	/d³
	WEIGHTR	ECOVERY (C	LEAN/(HO)	(+CLEAN	)	99.5%				
ACTI	VITY						DISPERS	ED + PART	ICLE	
					PAR'	пате	HOT		CLEAN	
	TOTAL				13,534	kBq	4,109 kBq		6,246 1	-
	MAXIMUM	I/SORT			2,452	•	1,271 kBq		17 1	•
	MINIMUM	SORT			3	kBq	0 Bq		-15 1	-
	SPECIFIC A	CTIVITY					8,131 Bq/kg		65 1	3q/kg
SORT	S	•								
		OCESS PERIO	DDS				1,724			PAUSE
	A	LL 80 ELEME	NTS SORT (	MD>0&M	$\sqrt{D}=0$	1			TIME	TIME
	N	ONE(AD=0&	MD=0&M	ND>0)		1,438			None	None
	SC	OME (AD>0&	0 <md<mn< td=""><td>Dmax&amp;MN</td><td>D<mndmax< td=""><td>285</td><td></td><td></td><td></td><td></td></mndmax<></td></md<mn<>	Dmax&MN	D <mndmax< td=""><td>285</td><td></td><td></td><td></td><td></td></mndmax<>	285				
		NEXPLAINED			0					
			AD<1kBq &		0					
		AΙ	)=0 & MD>	0	0					
			)<0 & MD >	•0	0					
		JNT PERIODS					17,240			
		-SEC RECOR				622				
	2-	-SEC RECOR	DS WITHOU	JT SORTS		16,618				
	TOTAL PRO	OCESS RECO	RDS (2-s SC	RTS and 20	)—s PERIODS	S)	2,346			
	NONPROC	ESSING RECO	RDS (Test, o	calibration, e	etc)		6			
		TDETECTOR				C DET	1	0.2%		
		DET	461	74.1%		5 DET	1 0	0.2%		
		DET	132	21.2%		6 DET 7 DET	0	0.0%		
		DET	25 3	4.0%		8 DET	0	0.0%		
		DET TIME BETWE	-	0.5%	74.8		Ü	•		
CDEC	AVERAGE	I DICEDII	OT ICTION	C	7 1.0					
		DISTRII			enco 4	ED EOM	ACT D	NUM		FREQ%
	TE SORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	(#)		TREQA
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	0.10%	(kBq) 4	63		10.1%
1	15	4.9%	-14000	1	-250	0.1%	8	281		45.2%
2	56	18.2%	-12000	2	-215	0.1%		108		17.4%
3	62	20.2%	-10000	8	-179	0.5%	12 16	47		7.6%
4	53	17.3%	-8000	36	143 107	2.1% 2.8%	20	23		3.7%
5	57	18.6%	-6000	49 97	-107 -72	5.6%	24	19		3.1%
6	38	12.4%	-4000 -2000	136	-72 -36	7.9%	28	15		2.4%
7	23	7.5%	-2000 0	150	-30	8.7%	32	11		1.8%
В Т41	307	1.0%	2000	160	36	9.2%	36	5		0.8%
TOTAL	307		4000	194	72	11.2%	40	4		0.6%
2_CAT	ESORTS		6000	227	107	13.1%	44	3		0.5%
DET	SORTS	FREQ%	8000	253	143	14.6%	48	4		0.6%
9	30K 13	14.3%	10000	204	179	11.8%	52	6		1.0%
10	59	18.7%	12000	131	215	7.6%	56	3		0.5%
11	59	18.7%	14000	60	250	3.5%	60	5		0.8%
12	57	18.1%	16000	20	286	1.2%	64	1		0.2%
13	45	14.3%	18000	2	322	0.1%	68	2		0.3%
14	34	10.8%	20000	0	358	0.0%	72	3		0.5%
15	16	5.1%	22000	0	394	0.0%	76	1		0.2%
OTAL	315	J/0	24000	0	429	0.0%	80	1		0.2%
JIAL	313		26000	0	465	0.0%	84	1		0.2%
			>28000	0	0	0.0%	>84	16		2.6%
			TOTAL	1,730	•		TOTAL	622		
				- ,						





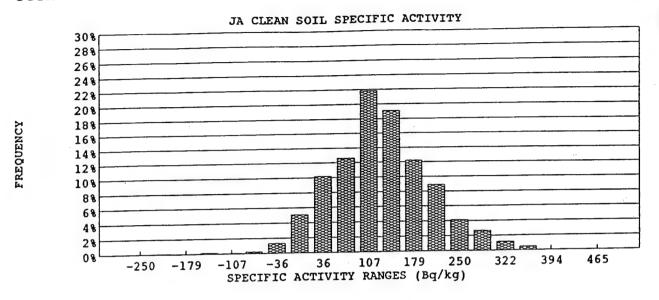


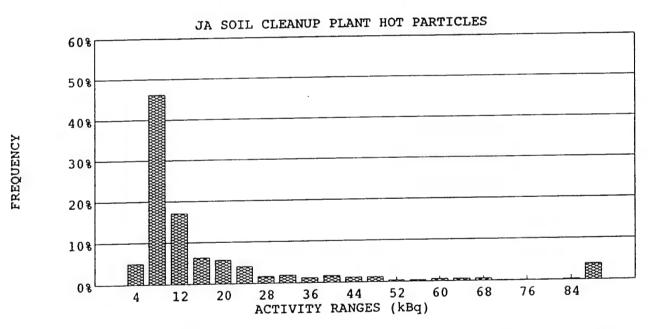


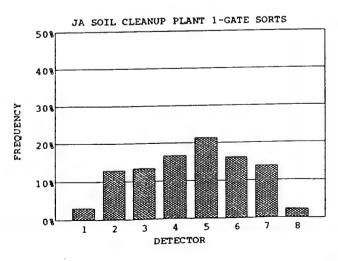
01-Mar-94

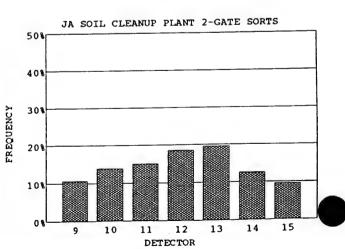
WORK DAY START	06:00 AM		WORK DAY E	ND	16:30 PM	
LUNCH START	11:00 AM		TIME LOST DU	JRING LUNCH	0.0 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL
					.0.6.1	(sorter hours)
WORK HOURS		10.5 hr	10.5 hr	10.5 hr	10.5 hr	42.0 hr
SORTER AVAILABLE HO	URS	10.3 hr	10.3 hr	0.0 hr	0.0 hr	20.5 hr
SORTER START-UP		06:00	06:00	NA	NA	
START SOIL PROCESSING	3	06:17	06:17	NA	NA	0.61
TIME REQUIRED TO STA	RT-UP	0.3 hr	0.3 hr	0.0 hr	0.0 hr	0.6 hr
SORTER SHUT-DOWN		16:15	16:15	NA	NA	
END SOIL PROCESSING		15:53	15:52	NA	NA	
TIME REQUIRED TO SHU	JT DOWN	0.4 hr	0.4 hr	0.0 hr	0.0 hr	0.7 hr
ACTUAL PROCESS HOUR	RS	9.5 hr	9.6 hr	0.0 hr	0.0 hr	19.1 hr
DOWN-TIME		0.7 hr	0.7 hr	0.0 hr	0.0 hr	1.4 hr
SYSTEM PAUSE		0.1 hr	0.0 hr	0.0 hr	0.0 hr	0.1 hr
SORTER NONAVAILABL	ЕПМЕ	0.2 hr	0.2 hr	10.0 hr	10.0 hr	20.5 hr
AUTHORIZED DELAY TI		0.0 hr	0.0 hr	10.0 hr	10.0 hr	20.0 hr
PLANT PERFORMANCE						93.3%
PRODUCTIVTY						45.5%
PRODUCTIVITY						
Date	0	1 - Mar - 94	Exc	used Delays for d	ay (sorter – hrs)	20 hr
Contract day (from 6 Sep)		140	Exc	used delays for co	ontract (sorter-hrs)	2,046 hr
Current Contract week		24	Exc	used delay days (¡	olant—days)	51 days
			Exc	used delay month	s (plant – month)	1.97 months
Soil production for Day		192 MT				
Cumlative Soil Production fo	r Week	385 MT		cent of contract co		35.3%
Total Soil production for con	tract			s Ahead or Behin		1,784 MT
Since 6 Se		33,719 MT	Day	s ahead or behind	i schedule	6 days
Since 6 Au		35,310 MT	•			
Total Soil production for pro	ject	61,596 MT				

SORT	ER 1						01-1	Mar-94	
		RTER SOIL D	ENSITY	1.20 ton	s/m³	BA	ACKGROUND	0.67	
SOIL					CONTAM	INATED	CLEAN	TOT	
	MASS TOTA	AL.			1.0	ions	95.0 tons	96.0	tons
	MAXIMUM				58.1	kg	55.9 kg		
	MINIMUM/				0.7	kg	51.0 kg		44
1	VOLUME II	N-GROUND			0.8		75.3 yd <sup>3</sup>	76.1	yd <sup>3</sup>
1	WEIGHTRI	ECOVERY (CI	EAN/(HOT	+CLEAN))		98.9%			
ACTIV	/ITY						DISPERSEI	+ PARTICLE	
					PART	ICLE	HOT	CLEAN	ſ
7	TOTAL				19,127	kBq	6,166 kBq	10,507	kBq
-	MAXIMUM	SORT			1,223	kBq	730 kBq		kBq
	MINIMUM/				3 1	kBq	0 Bq		kBq
	SPECIFIC A						6,044 Bq/kg	111	Bq/kg
ORT									
		OCESS PERIO	ns				1,717	UNEXI	PAUSE
2		T 80 ELEMEN		AD>0&MN	D=0	7		TIME	TIME
	Al	DNE (AD=0 &	MD-0 & M	ND>0	/	1,324		07:21	06:40
	N	OME(AD=0&	N SO-CHN	Dmax&MNI	D <mndmax\< td=""><td></td><td></td><td>08:12</td><td>15:26</td></mndmax\<>			08:12	15:26
	20	NEXPLAINED	RECORDS		0			09:08	15:43
	O.		AD<1kBq &		6			09:46	
			)=0 & MD>		1			14:28	
			0<0 & MD >		0			15:21	
2	-SEC COU	INTPERIODS					17,170	15:27	
_	2-	SEC RECOR	OS WITH SC			855			
	2-	SEC RECORI	OS WITHOU	TSORTS		16,315			
7	TOTAL PRO	CESS RECO	RDS (2-s SO	RTS and 20	-s PERIODS	)	2,572		
1	NONPROC	ESSING RECO	RDS (Test, o	alibration, e	tc)		6		
2	2-SEC SOR	T DETECTOR	RS			4 D. DOD		0.0%	
	11	DET	618	72.3%		DET	0	0.0%	
	21	DET	202	23.6%		6 DET	0	0.0%	
	31	DET	32	3.7%		7 DET	0 0	0.0%	
		DET	3	0.4%		8 DET	U	0.070	
		TIME BETWE			55.6	sec			
FREQ	UENCY	/ DISTRII		S				N7 IN (	FREO%
1-GAT	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM	FREQ%
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#) 43	5.0%
1	13	3.1%	-14000	0	-250	0.0%	4		46.2%
2	55	12.9%	-12000	1	-215	0.1%	8	395	17.1%
3	57	13.4%	-10000	0	-179		12	146 54	6.3%
4	71	16.7%	-8000	2	-143	0.1%	16	54 49	5.7%
5	91	21.4%	-6000	1	-107	0.1%	20	35	4.1%
6	69	16.2%	-4000	- 4	-72	0.2%	24 28	14	1.6%
7	59	13.9%	-2000	22	-36	1.3%	32	16	1.9%
8	10	2.4%	0	87	0	5.0%	36 36	10	1.2%
TOTAL	425		2000	175	36	10.2%	40	14	1.6%
			4000	217	72	12.6%	44	10	1.2%
	ESORTS		6000	376	107	21.8%	48	10	1.2%
DET		FREQ%	8000	329	143	19.1%	52	3	0.4%
9	46	10.7%	10000	211	179	12.2% 8.9%	56	3	0.4%
10	60	14.0%	12000	153	215 250	8.9% 4.1%	60	5	0.6%
11	65	15.1%	14000	71	286	4.1% 2.7%	64	5	0.6%
12	80	18.6%	16000	46	322	1.2%	68	5	0.6%
13	84	19.5%	18000	20			72	1	0.1%
14	54	12.6%	20000	8	358	0.5%		1	0.1%
15	41	9.5%	22000	0	394	0.0%	76	1	0.1%
TOTAL	430		24000	0	429	0.0%	80	2	0.2%
			26000	0	465	0.0%	84		3.9%
			>28000	0	0	0.0%	>84	855	3.770
			TOTAL	1,723 MPE		DISE	TOTAL 560	دده	
		HPE	874		24				

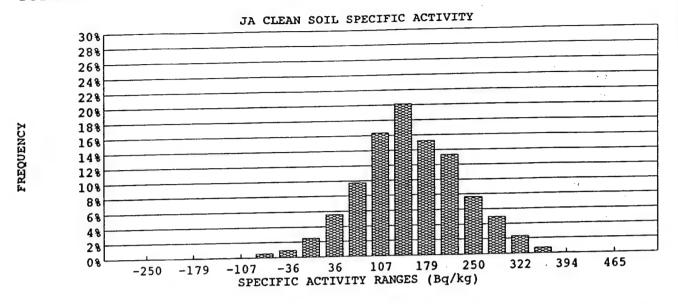


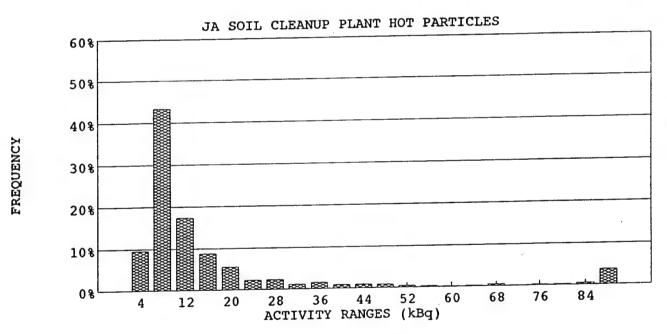


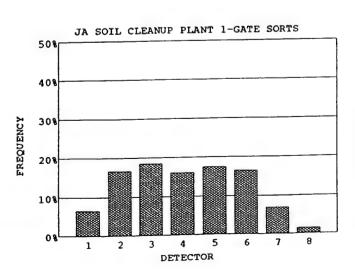


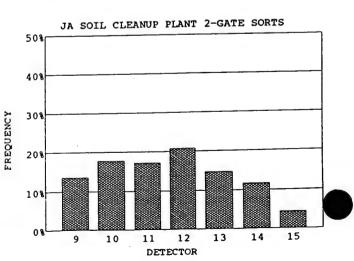


	ED 2						01-N	far-94	
ORTE		RTER SOIL D	ENSITY	1.20 tons/	/m³	BAG	CKGROUND	0.7	$7 \pm 0.04$ c
OTT	SOF	CIER SOIL D	ENSITI	1.20 (013)	CONTAMIN	NATED	CLEAN	TO	TAL
OIL					1.1 to		95.4 tons	96.:	5 tons
	IASS TOTAL				58.1 kg		55.9 kg		
	IAXIMUM/S				0.7 kg		45.4 kg		
	INIMUM/S				0.7 kg	•	75.6 yd <sup>3</sup>	76.:	5 yd³
V	OLUME IN	-GROUND		C CAND	0.0 yu	98.9%	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
		COVERY (CI	EAN/(HOT-	FUEAN))		70.770	DISDEDSED	+ PARTICLE	
ACTIV	TTY					~ =	HOT	CLEA	N
					PARTIC	_	7,555 kBq		6 kBq
Т	OTAL				22,550 kI		1,846 kBq	-	0 kBq
M	AXIMUM/S	SORT			2,964 kI	-	0 Bq		1 kBq
M	INIMUM/S	ORT			3 kI	3q	7,150 Bq/kg		7 Bq/kg
	PECIFIC AC						7,130 Bq/kg		. 24
SORTS	3							LINITES	CP PAUSE
		CESS PERIO	DS				1,726		_
2	AI	L 80 ELEMEN	TS SORT (N	ID>0&MNI	)=0)	5		TIME	
	NO	NF(AD=0&	MD=0 & M	ND>0)		1,269		15:4 15:5	0 1.0
	SO	ME (AD>0&0	O <md<mni< td=""><td>max&amp;MND</td><td><mndmax)< td=""><td>452</td><td></td><td>13:3</td><td>2</td></mndmax)<></td></md<mni<>	max&MND	<mndmax)< td=""><td>452</td><td></td><td>13:3</td><td>2</td></mndmax)<>	452		13:3	2
	UN	EXPLAINED	RECORDS		0				
	3.	0<	AD<1kBq &	MD>0	2				
			)=0 & MD>0		0				
		ΑI	)<0 & MD >	0	0		45.000		
2	-SEC COU	NT PERIODS	3				17,260		
, -	2-	SEC RECOR	DS WITH SO	RTS		1,016			
	2-	SEC RECOR	DS WITHOU	TSORTS		16,244	0.510		
7	TOTAL PRO	CESS RECO	RDS (2-s SO	RTS and 20-	-s PERIODS)		2,742		
,	NONPROCE	SSING RECO	ORDS (Test, c	alibration, et	.c)		2		
2	-SEC SOR	T DETECTOR	RS				*	0.0%	
_		DET	767	75.5%		DET	0	0.0%	
	_	ET	197	19.4%		DET	0	0.0%	
		DET	42	4.1%		DET	0	0.0%	
	4 E	DET	10	1.0%		DET	0	0.0%	
	AVERAGE	TIME BETWE	EEN 2-SEC	SORTS	45.0 s	ec			
FREO	UENCY	DISTRI	BUTION	S					ED EO
	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM	FREQ9
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)	9.5%
1	32			Ò		0.0%	4	97	
	32	_	-14000	U	-250	0.070			
_	22	6.5%		0	-250 -215	0.0%	8	440	43.3%
2	82 91	6.5% 16.7%	-12000				8 12	440 176	43.3% 17.3%
2	91	6.5% 16.7% 18.5%	-12000 -10000	0	-215	0.0% 0.1% 0.1%	8 12 16	440 176 89	43.3% 17.3% 8.8%
2 3 4	91 79	6.5% 16.7% 18.5% 16.1%	-12000 -10000 -8000	0 1	-215 -179	0.0% 0.1%	8 12 16 20	440 176 89 56	43.3% 17.3% 8.8% 5.5%
2 3 4 5	91 79 86	6.5% 16.7% 18.5% 16.1% 17.5%	-12000 -10000 -8000 -6000	0 1 1	-215 -179 -143	0.0% 0.1% 0.1%	8 12 16 20 24	440 176 89 56 23	43.3% 17.3% 8.8% 5.5% 2.3%
2 3 4 5 6	91 79 86 81	6.5% 16.7% 18.5% 16.1% 17.5%	-12000 -10000 -8000 -6000 -4000	0 1 1 1 9	-215 -179 -143 -107	0.0% 0.1% 0.1% 0.1% 0.5% 0.9%	8 12 16 20 24 28	440 176 89 56 23 24	43.3% 17.3% 8.8% 5.5% 2.3% 2.4%
2 3 4 5	91 79 86 81 34	6.5% 16.7% 18.5% 16.1% 17.5% 16.5% 6.9%	-12000 -10000 -8000 -6000	0 I 1 1	-215 -179 -143 -107 -72	0.0% 0.1% 0.1% 0.1% 0.5% 0.9% 2.5%	8 12 16 20 24 28 32	440 176 89 56 23 24	43.3% 17.3% 8.8% 5.5% 2.3% 2.4% 1.1%
2 3 4 5 6 7 8	91 79 86 81 34	6.5% 16.7% 18.5% 16.1% 17.5%	-12000 -10000 -8000 -6000 -4000 -2000	0 I 1 1 9	-215 -179 -143 -107 -72 -36	0.0% 0.1% 0.1% 0.1% 0.5% 0.9%	8 12 16 20 24 28 32 36	440 176 89 56 23 24 11	43.3% 17.3% 8.8% 5.5% 2.3% 2.4% 1.1%
2 3 4 5 6 7 8	91 79 86 81 34	6.5% 16.7% 18.5% 16.1% 17.5% 16.5% 6.9%	-12000 -10000 -8000 -6000 -4000 -2000	0 1 1 1 9 16 43	-215 -179 -143 -107 -72 -36	0.0% 0.1% 0.1% 0.1% 0.5% 0.9% 2.5% 5.6%	8 12 16 20 24 28 32 36 40	440 176 89 56 23 24 11 15	43.3% 17.3% 8.8% 5.5% 2.3% 2.4% 1.1% 0.9%
2 3 4 5 6 7 8 TOTAL	91 79 86 81 34 7 492	6.5% 16.7% 18.5% 16.1% 17.5% 16.5% 6.9%	-12000 -10000 -8000 -6000 -4000 -2000 0	0 1 1 1 9 16 43	-215 -179 -143 -107 -72 -36 0	0.0% 0.1% 0.1% 0.1% 0.5% 0.9% 2.5% 5.6% 9.7%	8 12 16 20 24 28 32 36 40	440 176 89 56 23 24 11 15 9	43.3% 17.3% 8.8% 5.5% 2.3% 2.4% 1.1% 0.9% 0.9%
2 3 4 5 6 7 8 TOTAL 2-GAT	91 79 86 81 34 7 492	6.5% 16.7% 18.5% 16.1% 17.5% 16.5% 6.9% 1.4%	-12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000	0 1 1 1 9 16 43 96	-215 -179 -143 -107 -72 -36 0 36 72	0.0% 0.1% 0.1% 0.5% 0.9% 2.5% 5.6% 9.7% 16.3% 20.1%	8 12 16 20 24 28 32 36 40 44 48	440 176 89 56 23 24 11 15 9	43.3% 17.3% 8.8% 5.5% 2.3% 2.4% 1.1% 0.9% 0.9%
2 3 4 5 6 7 8 TOTAL 2-GAT DET	91 79 86 81 34 7 492 ESORTS SORTS	6.5% 16.7% 18.5% 16.1% 17.5% 16.5% 6.9% 1.4%	-12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000	0 1 1 1 9 16 43 96 168 282	-215 -179 -143 -107 -72 -36 0 36 72	0.0% 0.1% 0.1% 0.5% 0.9% 2.5% 5.6% 9.7% 16.3% 20.1% 15.2%	8 12 16 20 24 28 32 36 40 44 48 52	440 176 89 56 23 24 11 15 9	43.3% 17.3% 8.8% 5.5% 2.3% 2.4% 1.1% 0.9% 0.9% 0.8%
2 3 4 5 6 7 8 TOTAL 2-GAT DET	91 79 86 81 34 7 492 ESORTS SORTS	6.5% 16.7% 18.5% 16.1% 17.5% 16.5% 6.9% 1.4% FREQ% 13.5%	-12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000	0 1 1 1 9 16 43 96 168 282 348	-215 -179 -143 -107 -72 -36 0 36 72 107	0.0% 0.1% 0.1% 0.5% 0.9% 2.5% 5.6% 9.7% 16.3% 20.1% 15.2% 13.3%	8 12 16 20 24 28 32 36 40 44 48 52 56	440 176 89 56 23 24 11 15 9 9	43.3% 17.3% 8.8% 5.5% 2.3% 2.4% 1.1% 0.9% 0.9% 0.8% 0.4%
2 3 4 5 6 7 8 TOTAL 2-GAT DET 9	91 79 86 81 34 7 492 ESORTS SORTS 71 93	6.5% 16.7% 18.5% 16.1% 17.5% 16.5% 6.9% 1.4% FREQ% 13.5% 17.7%	-12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000	0 1 1 1 9 16 43 96 168 282 348 263	-215 -179 -143 -107 -72 -36 0 36 72 107 143	0.0% 0.1% 0.1% 0.5% 0.9% 2.5% 5.6% 9.7% 16.3% 20.1% 15.2% 13.3% 7.6%	8 12 16 20 24 28 32 36 40 44 48 52 56	440 176 89 56 23 24 11 15 9 9 8 4 3	43.3% 17.3% 8.8% 5.5% 2.3% 2.4% 1.1% 0.9% 0.9% 0.8% 0.4% 0.3%
2 3 4 5 6 7 8 TOTAL 2-GAT DET 9 10	91 79 86 81 34 7 492 ESORTS SORTS 71 93 90	6.5% 16.7% 18.5% 16.1% 17.5% 16.5% 6.9% 1.4% FREQ% 13.5% 17.7% 17.2%	-12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000 14000	0 1 1 1 9 16 43 96 168 282 348 263 230	-215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215	0.0% 0.1% 0.1% 0.5% 0.9% 2.5% 5.6% 9.7% 16.3% 20.1% 15.2% 13.3%	8 12 16 20 24 28 32 36 40 44 48 52 56 60 64	440 176 89 56 23 24 11 15 9 8 4 3	43.3% 17.3% 8.8% 5.5% 2.4% 1.1% 1.5% 0.9% 0.8% 0.4% 0.3% 0.1%
2 3 4 5 6 7 8 TOTAL 2-GAT DET 9 10 11	91 79 86 81 34 7 492 ESORTS SORTS 71 93 90 109	6.5% 16.7% 18.5% 16.1% 17.5% 16.5% 6.9% 1.4% FREQ% 13.5% 17.7% 17.2% 20.8%	-12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000 14000 16000	0 1 1 1 9 16 43 96 168 282 348 263 230 132	-215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250	0.0% 0.1% 0.1% 0.5% 0.9% 2.5% 5.6% 9.7% 16.3% 20.1% 15.2% 13.3% 7.6%	8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68	440 176 89 56 23 24 11 15 9 8 4 3 1	43.3% 17.3% 8.8% 5.5% 2.3% 2.4% 1.1% 0.9% 0.9% 0.8% 0.4% 0.3% 0.1% 0.2%
2 3 4 5 6 7 8 TOTAL 2-GAT DET 9 10 11 12 13	91 79 86 81 34 7 492 ESORTS SORTS 71 93 90 109 77	6.5% 16.7% 18.5% 16.1% 17.5% 16.5% 6.9% 1.4% FREQ% 13.5% 17.7% 17.2% 20.8% 14.7%	-12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000 14000 16000 18000	0 1 1 1 9 16 43 96 168 282 348 263 230 132 85 40	-215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286	0.0% 0.1% 0.1% 0.5% 0.9% 2.5% 5.6% 9.7% 16.3% 20.1% 15.2% 13.3% 7.6% 4.9%	8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72	440 176 89 56 23 24 11 15 9 8 4 3 1 2 4	43.3% 17.3% 8.8% 5.5% 2.4% 1.1% 1.5% 0.9% 0.8% 0.4% 0.3% 0.1% 0.2% 0.4%
2 3 4 5 6 7 8 TOTAL 2-GAT DET 9 10 11 12 13	91 79 86 81 34 7 492 ESORTS SORTS 71 93 90 109 77 61	6.5% 16.7% 18.5% 16.1% 17.5% 16.5% 6.9% 1.4% FREQ% 13.5% 17.7% 17.2% 20.8% 14.7% 11.6%	-12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 12000 14000 16000 18000 20000	0 1 1 1 9 16 43 96 168 282 348 263 230 132 85 40	-215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322	0.0% 0.1% 0.1% 0.5% 0.9% 2.5% 5.6% 9.7% 16.3% 20.1% 15.2% 13.3% 7.6% 4.9% 2.3%	8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68	440 176 89 56 23 24 11 15 9 8 4 3 1 2 4 0	43.3% 17.3% 8.8% 5.5% 2.3% 2.4% 1.1% 1.5% 0.9% 0.8% 0.4% 0.3% 0.1% 0.2% 0.4%
2 3 4 5 6 7 8 TOTAL 2-GAT DET 9 10 11 12 13 14	91 79 86 81 34 7 492 ESORTS SORTS 71 93 90 109 77 61 23	6.5% 16.7% 18.5% 16.1% 17.5% 16.5% 6.9% 1.4% FREQ% 13.5% 17.7% 17.2% 20.8% 14.7%	-12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 12000 14000 16000 18000 22000	0 1 1 1 9 16 43 96 168 282 348 263 230 132 85 40 12	-215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358	0.0% 0.1% 0.1% 0.5% 0.9% 2.5% 5.6% 9.7% 16.3% 20.1% 15.2% 13.3% 7.6% 4.9% 2.3% 0.7%	8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72	440 176 89 56 23 24 11 15 9 8 8 4 3 1 2 4 0 2	43.3% 17.3% 8.8% 5.5% 2.3% 2.4% 1.1% 1.5% 0.9% 0.8% 0.4% 0.3% 0.19 0.2% 0.4% 0.0%
2 3 4 5 6 7 8 TOTAL 2-GAT DET 9 10 11 12 13	91 79 86 81 34 7 492 ESORTS SORTS 71 93 90 109 77 61	6.5% 16.7% 18.5% 16.1% 17.5% 16.5% 6.9% 1.4% FREQ% 13.5% 17.7% 17.2% 20.8% 14.7% 11.6%	-12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 12000 14000 16000 18000 22000 22000 24000	0 1 1 1 9 16 43 96 168 282 348 263 230 132 85 40	-215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358 394	0.0% 0.1% 0.1% 0.1% 0.5% 0.9% 2.5% 5.6% 9.7% 16.3% 20.1% 15.2% 13.3% 7.6% 4.9% 2.3% 0.7% 0.1%	8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76	440 176 89 56 23 24 11 15 9 8 4 3 1 2 4 0 2 2	43.3% 17.3% 8.8% 5.5% 2.3% 2.4% 1.1% 1.5% 0.9% 0.8% 0.4% 0.3% 0.1% 0.2% 0.4% 0.0% 0.2% 0.4%
2 3 4 5 6 7 8 TOTAL 2-GAT DET 9 10 11 12 13 14	91 79 86 81 34 7 492 ESORTS SORTS 71 93 90 109 77 61 23	6.5% 16.7% 18.5% 16.1% 17.5% 16.5% 6.9% 1.4% FREQ% 13.5% 17.7% 17.2% 20.8% 14.7% 11.6%	-12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 12000 14000 16000 18000 22000 22000 24000 26000	0 1 1 1 9 16 43 96 168 282 348 263 230 132 85 40 12 1	-215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358 394 429 465	0.0% 0.1% 0.1% 0.1% 0.5% 0.9% 2.5% 5.6% 9.7% 16.3% 20.1% 15.2% 13.3% 7.6% 4.9% 2.3% 0.7% 0.1% 0.0% 0.0%	8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80	440 176 89 56 23 24 11 15 9 8 8 4 3 1 2 4 0 2	43.3% 17.3% 8.8% 5.5% 2.3% 2.4% 1.1% 1.5% 0.9% 0.8% 0.4% 0.3% 0.19 0.2% 0.4% 0.0%
2 3 4 5 6 7 8 TOTAL 2-GAT DET 9 10 11 12 13 14	91 79 86 81 34 7 492 ESORTS SORTS 71 93 90 109 77 61 23	6.5% 16.7% 18.5% 16.1% 17.5% 16.5% 6.9% 1.4% FREQ% 13.5% 17.7% 17.2% 20.8% 14.7% 11.6%	-12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 12000 14000 16000 18000 22000 22000 24000	0 1 1 1 9 16 43 96 168 282 348 263 230 132 85 40 12 1	-215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358 394 429	0.0% 0.1% 0.1% 0.1% 0.5% 0.9% 2.5% 5.6% 9.7% 16.3% 20.1% 15.2% 13.3% 7.6% 4.9% 2.3% 0.7% 0.1% 0.0%	8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84	440 176 89 56 23 24 11 15 9 8 4 3 1 2 4 0 2 2	43.3% 17.3% 8.8% 5.5% 2.3% 2.4% 1.1% 1.5% 0.9% 0.8% 0.4% 0.3% 0.1% 0.2% 0.4% 0.0% 0.2% 0.4%





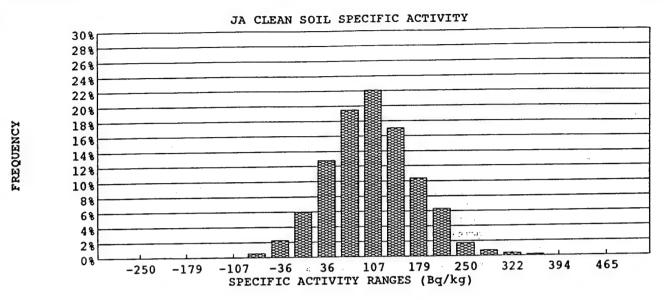


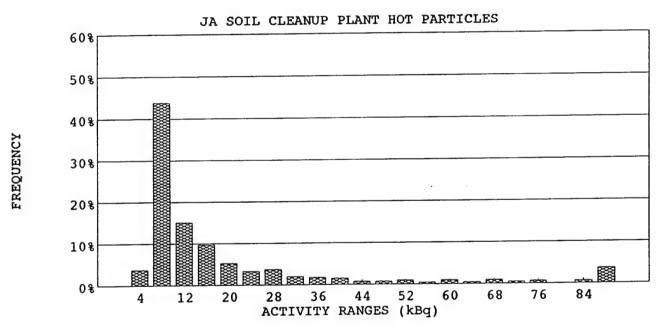


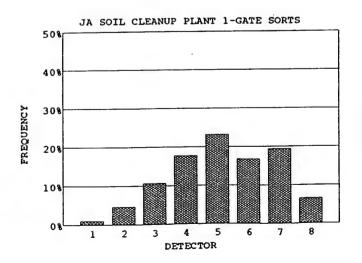
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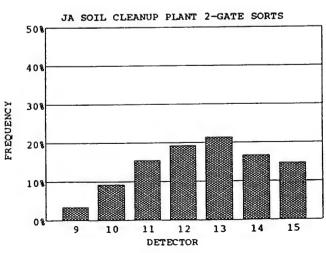
WORK DAY START	06:00 AN	1	WORK DAY	Y END	16:30 PM	
LUNCH START	11:00 AN	1	TIME LOST	DURING LUNG	CH 0.0 HR	
		SORTER 1	SORTER	2 SORTER	3 SORTER 4	TOTAL
						(sorter hours)
WORK HOURS		10.5 hr	10.5		10.5 hr	42.0 hr
SORTER AVAILABLE HO	URS	9.8 hr	10.3		0.0 hr	20.2 hr
SORTER START-UP		06:00	06:00	NA	NA	
START SOIL PROCESSING	3	06:13	06:13	NA	NA	
TIME REQUIRED TO STA	RT-UP	0.2 hr	0.2	hr 0.0 hr	0.0 hr	0.4 hr
SORTER SHUT-DOWN		16:20	16:20	NA	NA	
END SOIL PROCESSING		15:55	15:57	NA	NA	
TIME REQUIRED TO SHU	JT DOWN	0.4 hr	0.4	hr 0.0 hr	0.0 hr	0.8 hr
ACTUAL PROCESS HOUR		9.7 hr	9.7	hr 0.0 hr	0.0 hr	19.4 hr
DOWN-TIME		0.2 hr	0.6	hr 0.0 hr	0.0 hr	0.8 hr
SYSTEM PAUSE		0.0 hr	0.0	hr 0.0 hr	0.0 hr	0.0 hr
SORTER NONAVAILABLE	етіме	0.7 hr	0.2	hr 10.0 hr	10.0 hr	20.8 hr
AUTHORIZED DELAY TI		0.0 hr	0.0	hr 10.0 hr	10.0 hr	20.0 hr
PLANT PERFORMANCE						96.3%
PRODUCTIVTY		,				46.2%
PRODUCTIVITY						
Date		02-Mar-94		•	or day (sorter-hrs)	20 hr
Contract day (from 6 Sep)		141		Excused delays fo	r contract (sorter-hrs)	2,066 hr
Current Contract week		24		Excused delay day	ys (plant-days)	52 days
				Excused delay mo	onths (plant-month)	1.99 months
Soil production for Day		195 MT	ſ			
Cumlative Soil Production for	r Week	580 M7	r	Percent of contrac	ct completed	35.5%
Total Soil production for con-	tract			Tons Ahead or Be	ehind Schedule	1,821 MT
Since 6 Se	p 93	33,914 M7	Γ	Days ahead or be	hind schedule	6 days
Since 6 Au	ıg 93	35,505 MT	Γ			
Total Soil production for proj	ect	61,792 M7	Γ			

SORTI	FR 1						_	12-Mar-94	0.75	0.00
		RTER SOIL I	DENSITY	1.20 ton	s/m³	В	ACKGROUND		0.67 ±	
SOIL	30				CONTAM	INATED	CLEAN		TOTA	
	ASS TOTA	AL.			0.7	ons	96.6 ton	ıs	97.3 to	ons
	AAXIMUM.				58.1	(g	55.9 kg			
-	AINIMUM/				0.7 1		50.3 kg		77.1 y	<b>പ</b> 3
7	OLUMEIN	1-GROUND			0.6		76.6 yd <sup>3</sup>	,	//.1 y	u
V	VEIGHTRI	COVERY (C	LEAN/(HOT	+CLEAN))		99.2%		DARTIC	LE	
ACTIV								RSED + PARTIC		
					PART	ICLE	HOT		EAN	n.
7	TATO				16,487	-	5,291 kB	1	8,578 k	_
	MAXIMUM	SORT			360	•	205 kB	•	19 k -9 k	•
	MINIMUM/				3	kBq	0 Bq			Bq/kg
	PECIFIC A						7,186 Bq	/kg	07 1	74/85
SORTS								***	ucun	DALICE
2	O_SEC PR	OCESS PERIO	DDS				1,741			PAUSE TIME
	AI DECEN	L 80 ELEME	NTS SORT (N	MD>0&MN	ID=0)	2			IME	
	NO	ONE (AD=0.8	MD=0&M	ND>0)		1,348			09:11	13:51
	50	ME(AD>0&	0 <md<mn< td=""><td>Dmax&amp;MN</td><td>D<mndmax)< td=""><td>391</td><td></td><td></td><td>12:01</td><td></td></mndmax)<></td></md<mn<>	Dmax&MN	D <mndmax)< td=""><td>391</td><td></td><td></td><td>12:01</td><td></td></mndmax)<>	391			12:01	
	111	NEXPLAINEL	RECORDS		0				13:37	
	J.	0<	AD<1kBq &	MD>0	3					
			D=0 & MD>		0					
		Al	D<0 & MD >	0	0		45 440			
2	SEC COL	INT PERIODS	S			000	17,410			
	2-	SEC RECOR	DS WITH SO	RTS		832				
	2-	SEC RECOR	DS WITHOU	TSORTS	PEDIODS	16,578	2,573			
-	TOTAL PRO	OCESS RECO	RDS (2-s SO	RTS and 20	)-s PERIODS	"	1			
1	NONPROC	ESSING RECO	DKDS (Test, c	andration, 6	.10)		-			
7		T DETECTO	RS 598	71.9%		5 DET	2	0.2%		
		DET	193	23.2%		6 DET	0	0.0%		
		DET	33	4.0%		7 DET	0	0.0%		
		DET DET	6	0.7%		8 DET	0	0.0%		
		TIME BETW	EEN 2-SEC	SORTS	58.2	sec				
EDEO	TIENCY	DISTRI	RUTION	IS						
		DISTIN	ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ9
	ESORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
	SORTS	1.0%	-14000	0	-250	0.0%	4	31		3.7%
1	4		-12000	1	-215	0.1%	8	364		43.8%
2	19	4.6% 10.7%	-10000	o	-179	0.0%	12	126		15.1%
3	44 73	10.7% 17.8%	-8000	1	-143	0.1%	16	81		9.7%
5	73 95	23.1%	-6000	1	-107	0.1%	20	44		5.3%
6	69	16.8%	-4000	9	-72	0.5%	24	27		3.2%
7	80	19.5%	-2000	39	-36	2.2%	28	31		3.7% 1.9%
8	27	6.6%	0	- 103	0	5.9%	32	16		1.7%
TOTAL	411		2000	223	36	12.8%	36	14 12		1.4%
			4000	339	72	19.5%	40	6		0.7%
2-GAT	ESORTS		6000	385	107	22.1%	44 48	6		0.7%
DET	SORTS	FREQ%	8000	297	143	17.0%	52	8		1.0%
9	14	3.3%	10000	181	179	10.4% 6.3%	56	3		0.4%
10	39	9.3%	12000	110	215 250		60	8		1.0%
11	65	15.4%	14000	30	286	0.7%	64	3		0.4%
12	81	19.2%	16000	13	322	0.4%	68	8		1.0%
13	90	21.4%	18000	7	358	0.4%	72	4		0.5%
14	70	16.6%	20000	3		0.2%	76	5		0.6%
15	62	14.7%	22000	0	394 429		80	0		0.0%
TOTAL	421		24000	0			84	5		0.6%
			26000	0	465		>84	30_		3.6%
			>28000	0	0	0.0%	TOTAL	832		
			TOTAL	1,742	20	DISE	163	002		
	TYPES	HPE	861	MPE	28	DISE	103			





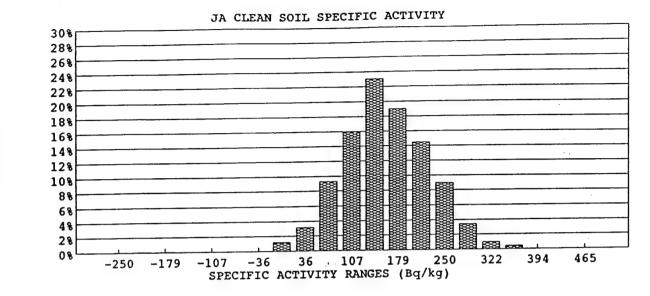


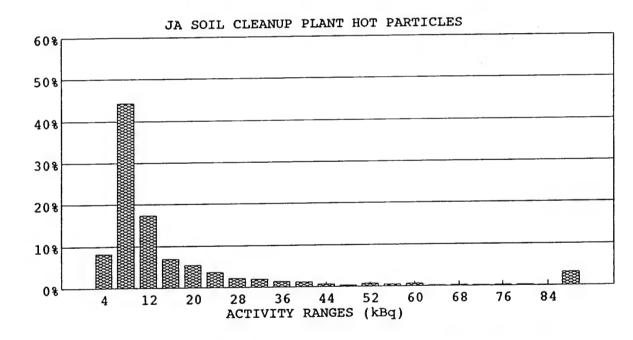


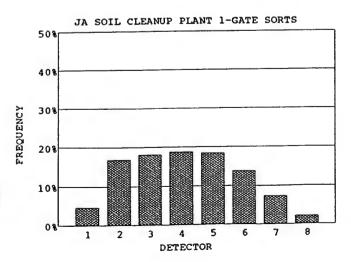
ORTE	D 2							[ar-94	
ORIE		RTER SOIL DE	YTIZN	1.20 tons/	m³	BAG	CKGROUND		9 ± 0.02 c
OII	301	K TER SOIL DI	3110111		CONTAMIN	NATED	CLEAN		TAL
OIL					0.9 to	ns	97.1 tons	98.	0 tons
	ASS TOTA				55.9 kg		55.9 kg		
	AXIMUM/				0.7 kg		46.1 kg		an
	INIMUM/S	-GROUND			0.7 yd	3	77.0 yd <sup>3</sup>	77.	7 yd <sup>3</sup>
37/	CLOME	COVERY (CL	FAN//HOT-	CLEAN))		99.1%			
CTIV		COVERT					DISPERSED	+ PARTICLE	
ACIIV	11 1				PARTIC	1E	HOT	CLEA	
					24,344 kF	3q	7,794 kBq		4 kBq
	OTAL	CORT			2,893 kI	-	1,581 kBq		9 kBq
M	AXIMUM/	OPT			3 kI	3q	0 Bq		2 kBq
	INIMUM/S						8,587 Bq/kg	14	3 Bq/kg
		CIIVIII							
ORTS		ance pro [OI	20				1,753		KP PAUSE
20	)-SEC PRO	CESS PERIOI L 80 ELEMEN	JS TC C∩DT/N	(D>0&MNE	0=0)	2		TIMI	
	AL	L 80 ELEMEN )NE (AD=0 & 1	MD=0.8 Mi	VD>0)	,	1,263		11:2	2 None
	NC	ME(AD=0&0	<md<mni< td=""><td>max&amp;MND</td><td><mndmax)< td=""><td>488</td><td></td><td></td><td></td></mndmax)<></td></md<mni<>	max&MND	<mndmax)< td=""><td>488</td><td></td><td></td><td></td></mndmax)<>	488			
	20	IEXPLAINED	RECORDS		0				
	Or.	0<1	AD<1kBq&	MD>0	1				
			=0 & MD>0		0				
			<0 & MD >		0		48.550		
2.	-SEC COL	NT PERIODS					17,530		
2.	2-	SEC RECORD	S WITH SO	RTS		1,087			
	2_	SECRECORD	S WITHOU	TSORTS		16,443	2.040		
т	OTAL PRO	CESS RECOR	DS (2-s SO	RTS and 20-	-s PERIODS)		2,840		
N	ONPROCE	ESSING RECO	RDS (Test, c	alibration, et	c)		2		
2	-SEC SOR	TDETECTOR	S			n m	0	0.0%	
		DET	817	75.2%		DET	0	0.0%	
		DET	212	19.5%		DET	0	0.0%	
	3 I	DET	51	4.7%		DET	0	0.0%	
	4 I	DET	7	0.6%	42.9 s		ŭ		
P	VERAGE	TIME BETWE	EN 2-SEC	SOR 15	42.9 3				
<b>FREQ</b>	UENCY	DISTRIE	BUTTON	S		en roog	ACT P	NUM	FREQ
1-GATE	ESORTS		ACT_ND	NUM	SPEC_A	rkeq%	(kBq)	(#)	
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	0.0%	4	89	8.2%
1	26	4.6%	-14000	0	-250		8	482	44.3%
2	95	16.8%	-12000	1	-215 -170	0.1% 0.1%	12	189	17.4%
3	102	18.1%	-10000	1	-179 -143	0.1%	16	75	6.9%
4	106	18.8%	-8000	0	-143 -107	0.0%	20	59	5.4%
5	104	18.4%	-6000	0	-107 -72	0.0%	24	40	3.7%
6	78	13.8%	-4000	0	-72 -36	0.0%	28	24	2.2%
7	41	7.3%	-2000	0 - 21	-30	1.2%	32	21	1.9%
8 _	12	2.1%	2000	55	36	3.1%	36	15	1.4%
TOTAL	564		2000 4000	163	72	9.3%	40	13	1.2%
			6000	280	107	16.0%	44	7	0.6%
	ESORTS	ED EOM	8000	404	143	23.0%	48	4	0.4%
	SORTS	FREQ%	10000	333	179	19.0%	52	8	0.7%
9	59	11.3% 19.9%	12000	254	215	14.5%	56	5	0.5% 0.6%
10	104 97	18.5%	14000	158	250	9.0%	60	7	0.0%
11		18.7%	16000	60	286	3.4%	64	2	0.2%
12	98 05	18.7%	18000	17	322	1.0%	68	3	0.3%
13	95 49	9.4%	20000	8	358	0.5%	72	2	0.2%
14		4.0%	22000	0	394	0.0%	76	3	0.39
15 TOTAL	<u>21</u> 523	4.070	24000	0	429	0.0%	80	3	0.1%
TOTAL	343		26000	0	465	0.0%	84	1	3.29
			>28000	0	0	0.0%	>84	1 097	3.47
			TOTAL	1,755			TOTAL	1,087	
		НРЕ	1,103	MPE	20	DISE	174		

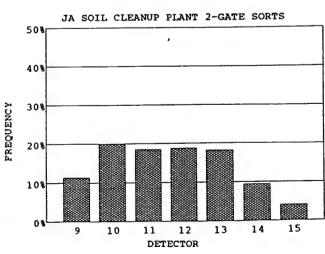
FREQUENCY

FREQUENCY





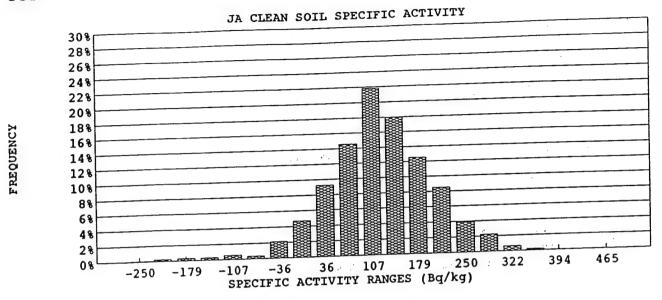


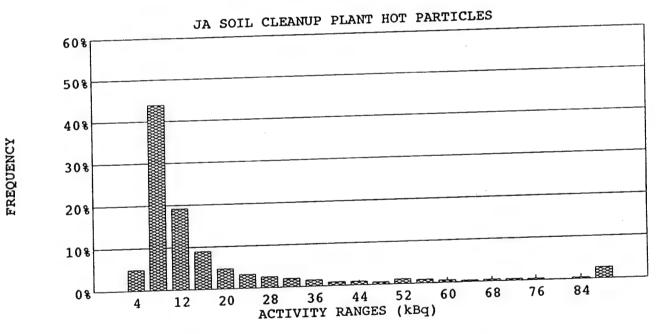


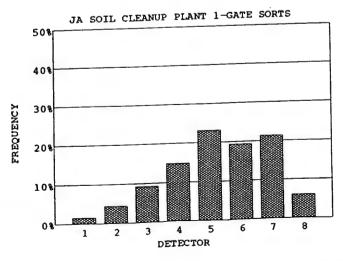
03-Mar-94

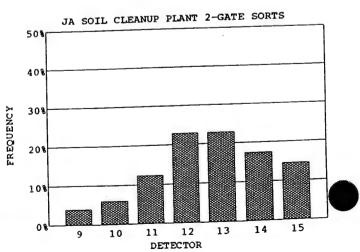
WORK DAY START LUNCH START	05:50 Al 11:00 Al	-	WORK DAY EN TIME LOST DU		16:30 PM 0.0 HR		
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL	
WORK HOURS		10.7 hr	10.7 hr	10.7 hr	10.7 hr	42.7	
SORTER AVAILABLE HOU	RS	10.4 hr	10.4 hr	0.0 hr	0.0 hr	20.8	nr
SORTER START-UP		05:50	05:50	NA	NA		
START SOIL PROCESSING		06:28	06:28	NA	NA		
TIME REQUIRED TO STAR	T-UP	0.6 hr	0.6 hr	0.0 hr	0.0 hr	1.3	hr
SORTER SHUT-DOWN		16:15	16:15	NA	NA		
END SOIL PROCESSING		15:50	15:50	NA	NA		
TIME REQUIRED TO SHUT	NWOOT	0.4 hr	0.4 hr	0.0 hr	0.0 hr	0.8	
		9.4 hr	9.4 hr	0.0 hr	0.0 hr	18.8	
ACTUAL PROCESS HOURS		1.0 hr	1.0 hr	0.0 hr	0.0 hr	2.1	
DOWN-TIME		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0	hr
SYSTEM PAUSE	TAME	0.2 hr	0.2 hr	10.0 hr	10.0 hr	20.5	hr
SORTER NONAVAILABLE		0.0 hr	0.0 hr	10.0 hr	10.0 hr	20.0	hr
AUTHORIZED DELAY TIM	E	0.0 111				90.1%	
PLANT PERFORMANCE			4			44.0%	
PRODUCTIVTY							
PRODUCTIVITY							
		03-Mar-94	Exc	used Delays for o	day (sorter - hrs)	20	hr
Date		142			ontract (sorter-hrs)	2,086	hr
Contract day (from 6 Sep)		24		cused delay days (		52	days
Current Contract week		24			hs (plant-month)	2.01	months
Soil production for Day		189 M				35.7%	
Cumlative Soil Production for	Week	769 M		cent of contract of		1,852	мт
Total Soil production for contr				ns Ahead or Behi			days
Since 6 Sep		34,103 M	Г Da	ys ahead or behir	nd schedule	•	uays
Since 6 Aug		35,694 M	r				
Total Soil production for proje		61,980 M	Γ				

								-Mar-94		
SORTER				4.00		n	U3 ACKGROUND		0.67 ±	0.02 c/s
	SOR	TER SOIL D	ENSITY	1.20 tons/			CLEAN		TOTA	L
SOIL					CONTAMINATED  0.8 tons			94.4 tons		
	STOTAL				55.9 k		93.6 tons 55.9 kg			
MAXIMUM/SORT			0.7 k	_	48.9 kg					
MINIMUM/SORT VOLUME IN-GROUND			0.6 y	_	74.2 yd <sup>3</sup>		74.8 y	d³		
VOL	UME IN-	OMEDA (C)	LEAN/(HOT-	(CLEAN))	,	99.2%				
		OVERT	LAIN/IIOI				DISPERS	SED + PARTICI	E	
ACTIVIT	Y				PARTI	CLE	нот	CL	EAN	
					41,280 k	_	13,307 kBq	9	,628 k	:Bq
TOTAL					10,305 kBq		8,155 kBq		18 kBq	
MAXIMUM/SORT					3 kBq		0 Bq		-14 kBq	
MINIMUM/SORT SPECIFIC ACTIVITY							16,664 Bq/k	g	103 Bq/kg	
	IFIC AC	IIVIII								
SORTS							1,689	U	NEXP	PAUSE
20-SEC PROCESS PERIODS			DDS	5 S CORT (MD > 0 & MND = 0)		2	1,000	TI	ME	TIME
ALL 80 ELEMENTS SORT (MD>0&MND NONE (AD=0 & MD=0 & MND>0)					J-0)	1,251		0	08:07	None
	NON	E(AD=0&	MD=U&MI	MU>U)	<mndmar)< td=""><td>436</td><td></td><td>(</td><td>9:44</td><td></td></mndmar)<>	436		(	9:44	
	SOM	E(AD>0&	0 <md<mni RECORDS</md<mni 	JIII WAXINI NI	0	.50		1	12:58	
	UNE	ATLAINEL 0-	:AD<1kBq &	MD>0	3					
			)=0 & MD>(		0					
			0<0 & MD >		0					
2_61	EC COLIN	TPERIODS					16,890			
2-31	2-S	EC RECOR	DS WITH SO	RTS		951				
	2-S	FC RECOR	DS WITHOU	TSORTS		15,939				
тот	AL PROC	ESS RECO	RDS (2-s SO	RTS and 20-	-s PERIODS	)	2,640			
NON	PROCES	SING RECO	ORDS (Test, c	alibration, et	ic)		4			
2-SI	EC SORT	DETECTO	RS				2	0.2%		
1 DET			692	72.8%		DET	2 0	0.0%		
2 DET 3 DET			218	22.9%		DET	0	0.0%		
			34	3.6%		DET DET	0	0.0%		
	4 DI		5	0.5%	48.8		Ü	•:		
AVE	RAGET	MEBELWI	EEN 2-SECS	OK 13	40.0 3					
FREQUE	ENCY	DISTRI	BOLION	3	anna 4	ED EOW	ACT_P	NUM		FREQ%
1-GATESC			ACT_ND	NUM	SPEC_A	FREQ%	(kBq)	(#)		
DET SO	RTS	FREQ%	(Bq)	(#)	(Bq/kg) -250	0.1%	(KD4)	47		4.9%
1	8	1.6%	-14000	1		0.2%	8	418		44.0%
2	22	4.4%	-12000	4	-215 -179	0.2%	12	182		19.1%
3.	46	9.3%	-10000	5	-179	0.3%	16	85		8.9%
4	74	14.9%	-8000 -6000	5	-107	0.5%	20	45		4.7%
5	115	23.1%	-6000 -4000	6	-72	0.4%	24	31		3.3%
6	96	19.3%	-4000 -2000	36	-36	2.1%	28	24		2.5%
7	106	21.3% 6.0%	-2000	. 79	0	4.7%	32	19		2.0%
TOTA! :	<u>30</u> 497	0.070	2000	156	36	9.2%	36	14		1.5%
TOTAL	471		4000	246	72	14.5%	40	8		0.8%
2-GATES	ORTS		6000	370	107	21.9%	44	8		0.8%
	ORTS	FREQ%	8000	304	143	18.0%	48	5		0.5% 1.1%
9	18	4.0%	10000	212	179	12.5%	52	10		0.8%
10	27	5.9%	12000	144	215	8.5%	56	8 5		0.5%
11	56	12.3%	14000	66	250	3.9%	60	3		0.3%
12	104	22.9%	16000	37	286	2.2%	64	4		0.4%
13	104	22.9%	18000	10	322	0.6%	68	4		0.4%
14	79	17.4%	20000	3	358	0.2%	72			0.4%
15	66	14.5%	22000	0	394	0.0%	76	3		0.0%
TOTAL	454		24000	0	429	0.0%				0.3%
			26000	0	465			3		2.6%
			>28000	0	0	0.0%		25		2.0%
			TOTAL	1,693			TOTAL	951		
	ES	HPE	953	MPE	20	DISE	168			

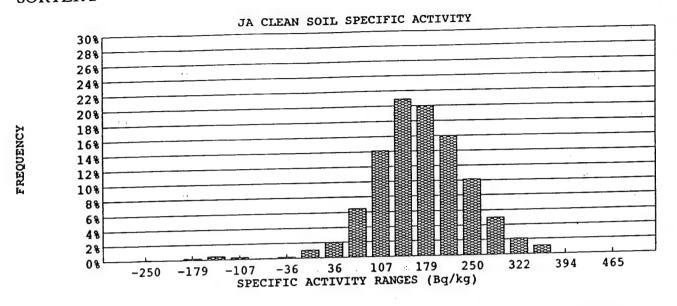


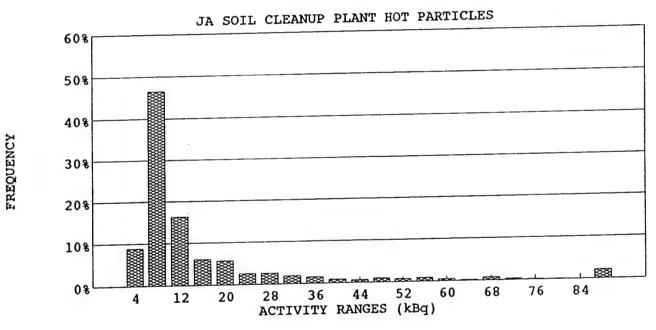


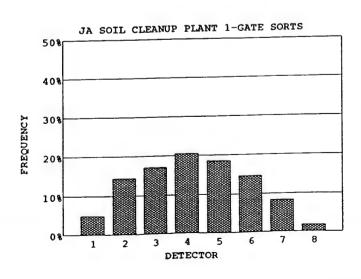


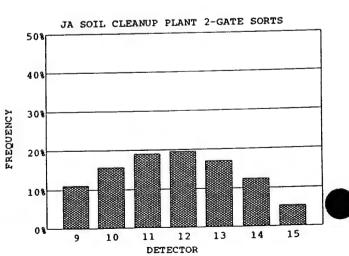


							03	3-Mar-94	
ORTE		arra cou D	CNCITV	1.20 tons	/m³	ВА	CKGROUND	0.79	$\pm$ 0.03 c/s
1011	SOF	RTER SOIL D	ENSITI	1.20 tons	CONTAMI	NATED	CLEAN	TO	TAL
SOIL					1.4 to		93.0 tons	94.4	tons
-	ASS TOTAL				55.9 kg		55.9 kg		
	AXIMUM/S				0.7 kg		47.5 kg		
	INIMUM/S				1.1 yo	•	73.7 yd3	74.8	3 yd³
V	OLUME IN	-GROUND	CAN//UOT	CEANII	2.2 )	98.6%			
		COVERY (CL	EANINOT	razariji			DISPER	SED + PARTICLE	
ACTIV	ITY				PARTI	a E	НОТ	CLEA	N
					17,240 k		5,920 kBd	14,34	6 kBq
	OTAL				239 k	-	184 kBc	•	) kBq
	AXIMUM/				3 k	•	0 Bq		6 kBq
	INIMUM/S				3 K	ьq	4,351 Bq/	kg 15-	4 Bq/kg
	PECIFIC AC	CTIVITY							
SORTS							1 600	UNEX	PAUSE
20	SEC PRO	CESS PERIO	DS				1,688	TIME	
	AL	L 80 ELEMEN	TS SORT (M	ID>0&MN	D=0)	9		13:1	
	NO	NE (AD=0 &	MD=0 & MI	ND>0)		1,175		13:2	8
	SO	ME (AD>0&0	<md<mni< td=""><td>max&amp;MNI</td><td>&gt;<mndmax)< td=""><td>504</td><td></td><td>14:5</td><td></td></mndmax)<></td></md<mni<>	max&MNI	> <mndmax)< td=""><td>504</td><td></td><td>14:5</td><td></td></mndmax)<>	504		14:5	
	UN	EXPLAINED	RECORDS		0 4			15:4	6
			AD<1kBq &		0				
			=0 & MD>(		0				
			<0 & MD >	O	0		16,880		
2	-SEC COU	NT PERIODS		200		1,151	20,000		
	2-	SEC RECORI	OS WITH SO	K 12		15,729			
	2-	SEC RECORI	DS WITHOU	1 20K 12	_c prp ions)		2,839		
Т	OTAL PRO	CESS RECOR	RDS (2-s SO	K 15 and 20	-s PERIODS)		4		
N	IONPROCE	SSING RECO	RDS (Test, c	alibration, c	ic)				
2		T DETECTOR		75 10%	4	DET	1	0.1%	
		ET	864	75.1%		DET	0	0.0%	
		DET	243	21.1%		DET	0	0.0%	
		DET	37 6	3.2% 0.5%		DET	0	0.0%	
	41	DET	-		39.1 s			*	
P	VERAGE	IIME BETWE	DI PTION	C	2712				•
FREQ	UENCY	DISTRI	BOLION	3	anno 4	EDEO#	ACT_P	NUM	FREQ%
1-GATI	SORTS		ACT_ND	NUM	SPEC_A	FREQ%	(kBq)	(#)	
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	0.1%		102	8.9%
1	27	4.9%	-14000	1	-250	0.1%	8	535	46.5%
2	80	14.4%	-12000	0	-215	0.0%	12	187	16.2%
3	95	17.1%	-10000	3	-179		16	70	6.1%
4	114	20.5%	-8000	8	-143	0.5% 0.3%	20	65	5.6%
5	103	18.5%	-6000	5	-107		24	30	2.6%
6	81	14.6%	-4000	1	-72	0.1%	28	30	2.6%
7	46	8.3%	-2000	3	-36	0.2% 1.1%	32	22	1.9%
8	10	1.8%	0	. 18	0	2.0%	36	17	1.5%
TOTAL	556		2000	33	36	6.4%	40	10	0.9%
			4000	109	72	0.4% 14.1%	44	7	0.6%
	<b>ESORTS</b>		6000	239	107 143	20.9%	48	11	1.0%
DET	SORTS	FREQ%	8000	354	179	20.9%	52	8	0.7%
9	66	11.1%	10000	338	215	16.0%	56	10	0.9%
10	93	15.6%	12000	270	250	10.1%	60	6	0.5%
11	113	19.0%	14000	171	286	5.0%	64	2	0.2%
12	116	19.5%	16000	84	322	2.1%	68	8	0.7%
13	101	17.0%	18000	36	358	1.1%	72	4	0.3%
14	74	12.4%	20000	19	338 394	0.0%	76	2	0.2%
15	32	5.4%	22000	0	394 429	0.0%	80	1	0.1%
TOTAL	595		24000	0	429	0.0%	84	0	0.0%
			26000	0			>84	24	2.1%
			>28000	0	0	0.0%	TOTAL	1,151	
			TOTAL	1,692				*,	
ı	TYPES	HPE	1,191	MPE	19	DISE	735		









## WORK HISTORY – JA SOIL CLEANUP PLANT

04-Mar-94

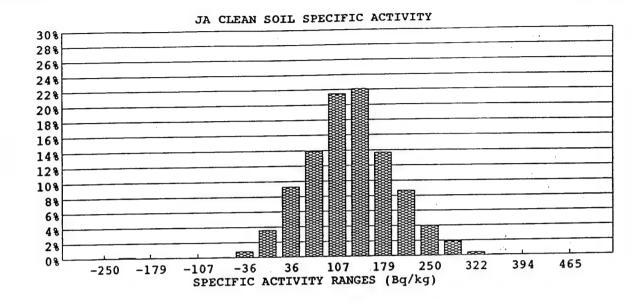
WORK DAY START	06:00 AM		WORK DAY	END	16:30 PM	
LUNCH START	11:00 AM		TIME LOST	DURING LUNCH	0.0 HR	
LUNCH STAKT		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL (sorter hours)
					10.6 kg	42.0 hr
WORK HOURS		10.5 hr	10.5 h		10.5 hr	20.5 hr
SORTER AVAILABLE HO	URS	10.3 hr	10.3 h		0.0 hr	20.5 111
SORTER START-UP		06:00	06:00	NA	NA	
START SOIL PROCESSING	}	07:04	06:33	NA	NA	1.6 hr
TIME REQUIRED TO STA	RT-UP	1.1 hr	0.6 h	r 0.0 hr	0.0 hr	1.0 III
SORTER SHUT-DOWN		16:15	16:15	NA	NA	
END SOIL PROCESSING		15:51	15:50	NA	NA	0.0.1
TIME REQUIRED TO SHU	T DOWN	0.4 hr	0.4 h	r 0.0 hr	0.0 hr	0.8 hr
ACTUAL PROCESS HOUR		8.7 hr	9.3 h	r 0.0 hr	0.0 hr	18.0 hr
DOWN-TIME		1.5 hr	1.0 h	r 0.0 hr	0.0 hr	2.5 hr
SYSTEM PAUSE		0.1 hr	0.0 h	nr 0.0 hr	0.0 hr	0.1 hr
SORTER NONAVAILABLE	еттме	0.2 hr	0.2 h	r 10.0 hr	10.0 hr	20.5 hr
AUTHORIZED DELAY TI		0.0 hr	0.0 h	r 10.0 hr	10.0 hr	20.0 hr
PLANT PERFORMANCE						87.9%
PRODUCTIVTY						42.9%
PRODUCTIVITY						
Date		04-Mar-94		Excused Delays for		20 hr
Contract day (from 6 Sep)		143	1	Excused delays for o	contract (sorter-hrs)	2,106 hr
Current Contract week		24	3	Excused delay days	(plant-days)	53 days
Carrent Conduct work			1	Excused delay mont	ths (plant-month)	2.03 months
Soil production for Day		181 MT	٢			
Cumlative Soil Production fo	r Week	950 MT	r 1	Percent of contract	completed	35.9%
Total Soil production for con			•	Tons Ahead or Beh	ind Schedule	1,875 MT
Since 6 Se		34,284 MT	<b>r</b> 1	Days ahead or behi	nd schedule	6 days
Since 6 A	=	35,875 M7				
Total Soil production for pro	-	62,162 M7	Γ			
Total Soil production for pro-	·,	•				

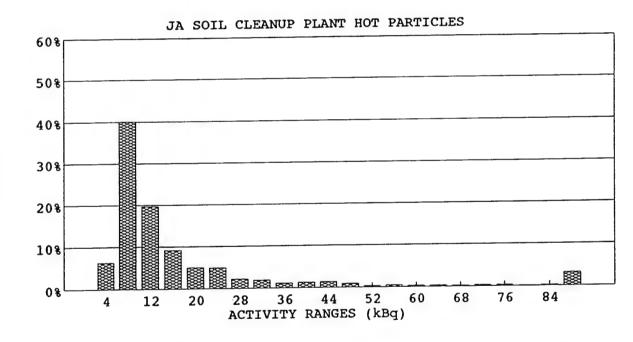
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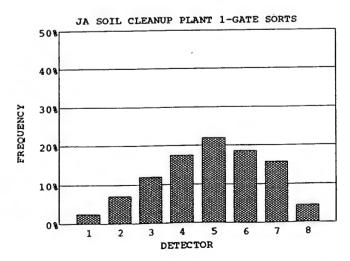
SORT	ER 1							Mar-94	
SORI		RTER SOIL I	DENSITY	1.20 ton	ıs/m³	BA	ACKGROUND		67 ± 0.02 c
SOIL	30	KILK BOIL	J. J		CONTAM	INATED	CLEAN		OTAL
	4 A CC TYOTT				0.8 t	ons	87.0 tons	81	7.8 tons
_	MASS TOTA MAXIMUM				58.1 k	g	55.9 kg		
-	MINIMUM/				0.7	g	51.0 kg		×
		N-GROUND			0.6 y		68.9 yd³	0;	9.6 yd³
,	WEIGHT RI	ECOVERY (C	LEAN/(HOT	+CLEAN)	)	99.1%			
ACTIV							DISPERSE	D + PARTICLE	
ACII					PART	ICLE	НОТ	CLE	
-	TOTAL				16,777 1	сВq	5,441 kBq	•	57 kBq
	MAXIMUM	SORT			487 1	ъ	288 kBq		18 kBq
	MINIMUM/				3 1	cВq	0 Bq		16 kBq
_	SPECIFIC A						6,860 Bq/kg	1	10 Bq/kg
SORT									P. FICE
		OCESS PERIO	DDS				1,570		XP PAUSE
4	Al	LL 80 ELEME	NTS SORT (	MD>0&MN	D=0	2		TIM	
	N	ONE (AD=0 &	2 MD=0 & M	ND>0)		1,149		07:	
	SU	OME(AD>0&	0 <md<mn< td=""><td>Dmax&amp;MN</td><td>D<mndmax)< td=""><td>419</td><td></td><td>07:</td><td></td></mndmax)<></td></md<mn<>	Dmax&MN	D <mndmax)< td=""><td>419</td><td></td><td>07:</td><td></td></mndmax)<>	419		07:	
	111	NEXPLAINEL	RECORDS		0			08:	
	3.		AD<1kBq &		4			10: 15:	
			D=0 & MD>		0			15:	.10
		Al	D<0 & MD >	0	0		15 700		
2	2-SEC COU	JNT PERIODS	S			025	15,700		
	2-	-SEC RECOR	DS WITH SO	RTS		935			
	2-	-SEC RECOR	DS WITHOU	TSORTS	nentone.	14,765	2,505		
•	TOTAL PRO	OCESS RECO	RDS (2-s SO	RTS and 20	)-s PERIODS	)	2,503		
1	NONPROC	ESSING RECO	ORDS (Test, o	alibration, e	etc)		-		
7		T DETECTO	KS 680	72.7%		DET	1	0.1%	
		DET	212	22.7%		DET	0	0.0%	
		DET	37	4.0%		DET	0	0.0%	
		DET DET	5	0.5%		8 DET	0	0.0%	
		TIME BETWI	•		46.2	sec			
EDEO	TIENCY	DISTRI	RITTION	S					
		DISTIN	ACT_ND	NUM	SPEC_A	FREQ%	AĈT_P	NUM	FREQ%
	ESORTS	FREO%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)	
	SORTS 12	2.5%	-14000	1	-250	0.1%	4	<b>59</b> ;	6.3%
	34	7.2%	-12000	2	-215	0.1%	8	375	40.1%
2	57	12.0%	-10000	1	-179	0.1%	. 12	184	19.7%
3. 4	83	17.5%	-8000	1	-143	0.1%	16	86	9.2%
5	104	21.9%	-6000	1	-107	0.1%	20	47	5.0% 4.9%
6	88	18.6%	-4000	1	-72	0.1%	24	46	2.2%
7	75	15.8%	-2000	12	-36	0.8%	28	21 18	1.9%
8	21	4.4%	0	- 56	0	3.6%	32 36	11	1.2%
TOTAL	474		2000	146	36	9.3% 13.9%	40	12	1.3%
			4000	218	72 107	13.9% 21.4%	44	13	1.4%
	ESORTS	PP 554	6000	337 347	143	22.1%	48	9	1.0%
DET	SORTS	FREQ%	8000 10000	215	179	13.7%	52	3	0.3%
9	20	4.3%	12000	136	215	8.7%	56	4	0.4%
10	42	9.1% 16.1%	14000	62	250	3.9%	60	3	0.3%
11	74	20.4%	16000	29	286	1.8%	64	3	0.3%
12	94	21.9%	18000	6	322	0.4%	68	2	0.2%
13	101	16.7%	20000	1	358	0.1%	72	3	0.3%
14	77	11.5%	22000	0	394	0.0%	76	3	0.3%
15	53	11.270	24000	0	429	0.0%	80	1	0.1%
TOTAL	461		26000	0	465	0.0%	84	2	0.2%
			>28000	0	0	0.0%	>84	30	3.2%
			TOTAL	1,572			TOTAL	935	

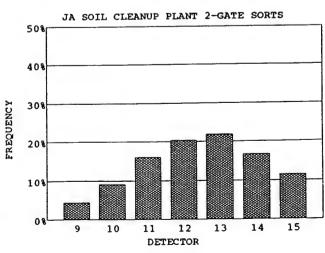
FREQUENCY

FREQUENCY

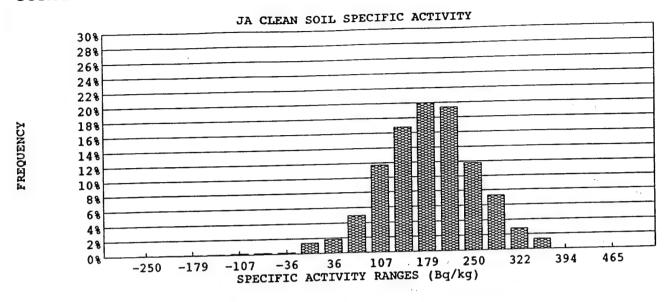


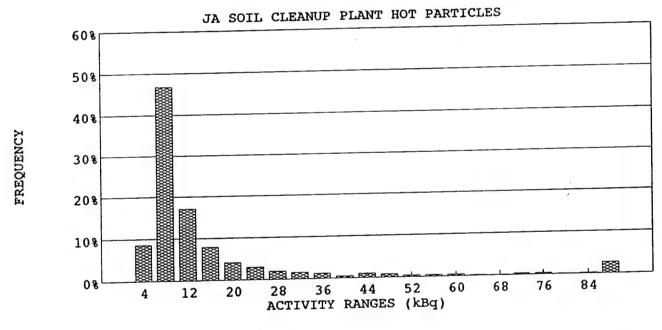


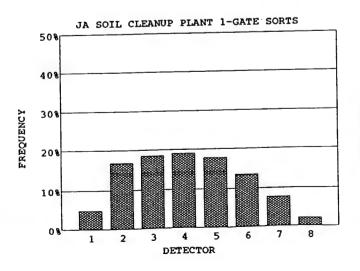


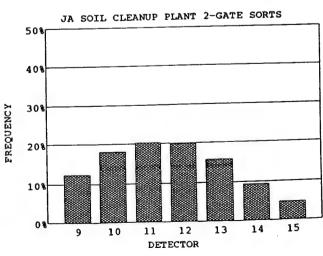


SORTE	ER 2						_	Mar-94	<b>.</b>
OKIL		RTER SOIL D	ENSITY	1.20 ton			CKGROUND		.78 ± 0.03 c
OIL					CONTAM	INATED	CLEAN		OTAL
	IASS TOTA	AL.			1.9 t	ons	91.6 tons	9	3.5 tons
	(AXIMUM				55.9 k		55.9 kg		
	INIMUM/				0.7	g	46.8 kg	7	4.1 ad3
_		-GROUND			1.5 y		72.6 yd³	,	4.1 yd³
W	EIGHTRI	ECOVERY (CL	EAN/(HOT	+CLEAN))		98.0%			
CTIV							DISPERSE	D + PARTICLI	
10111	11 1				PART	CLE	HOT	CLE	
7	OTAL				22,931	:Bq	7,941 kBq	15,3	335 kBq
	(AXIMUM	SORT			558 1	:Bq	368 kBq		20 kBq
-	INIMUM/				3 1	:Bq	0 Bq		12 kBq
	PECIFIC A						4,186 Bq/kg		167 Bq/kg
ORTS									
		OCESS PERIO	ns				1,673		EXP PAUSE
20	0-SEC PR	L 80 ELEMEN	TS SORT <i>(</i> )	MD>0&MN	D=0	16		AIT.	
	Al	DNE (AD=0 &	MD=0 & M	ND>0)	,	1,089			:02 None
	SC IAC	ME(AD=0&0	<md<mn< td=""><td>Dmax&amp;MNI</td><td>D<mndmax)< td=""><td>568</td><td></td><td></td><td>:02</td></mndmax)<></td></md<mn<>	Dmax&MNI	D <mndmax)< td=""><td>568</td><td></td><td></td><td>:02</td></mndmax)<>	568			:02
	30	NEXPLAINED	RECORDS		0			12	:05
	U		AD<1kBq &		3				
			=0 & MD>		0				
			<0 & MD >		0				
2	SEC COI	INT PERIODS	(0 th 1/12)				16,730		
2	-350 000	SEC RECORD	S WITH SO	RTS		1,370			
	2-	SEC RECORD	S WITHOU	TSORTS		15,360			
r	YOTAI PRO	CESS RECOR	DS (2-s SC	RTS and 20	-s PERIODS	)	3,043		
N.	IONPROCI	ESSING RECO	RDS (Test, o	alibration, c	etc)		4		
2	-SEC SOR	TDETECTOR	S		,				
2		DET	1,014	74.0%	:	DET	2	0.1%	
		DET	294	21.5%		DET	0	0.0%	
		DET	52	3.8%		DET	0	0.0%	
		DET	8	0.6%		BDET	0	0.0%	
Δ		TIME BETWE	EN 2-SEC	SORTS	33.0	sec			
EDEO	TENCY	DISTRIE	RITION	IS					
			ACT ND	NUM	SPEC_A	FREO%	ACT_P	NUM	FREQ%
1-GATE			_	(#)	(Bq/kg)		(kBq)	(#)	
	SORTS	FREQ%	(Bq) -14000	1	-250	0.1%	4	118	8.6%
1	32	4.8% 16.7%	-12000	1	-215	0.1%	8	641	46.8%
2	112	18.5%	-10000	1	-179	0.1%	12	234	17.1%
3	124	19.0%	-8000	2	-143	0.1%	16	108	7.9%
4 5	127 119	17.8%	-6000	3	-107	0.2%	20	58	4.2%
6	90	13.5%	-4000	3	-72	0.2%	24	42	3.1%
6 7	51	7.6%	-2000	3	-36	0.2%	28	27	2.0%
8	14	2.1%	0	. 24	0	1.4%	32	21	1.5%
TOTAL	669	2mx 70	2000	31	36	1.8%	36	17	1.2%
TOTAL	<b>W</b> 7		4000	83	72	4.9%	40	7	0.5%
2-GATE	SORTS		6000	196	107	11.7%	44	14	1.0%
	SORTS	FREQ%	8000	281	143	16.8%	48	11	0.8%
9	87	12.4%	10000	335	179	20.0%	52	6	0.4%
10	126	18.0%	12000	324	215	19.3%	56	6	0.4%
11	142	20.3%	14000	197	250	11.7%	60	6	0.4%
12	139	19.8%	16000	122	286	7.3%	64	3	0.2%
13	110	15.7%	18000	47	322	2.8%	68	1	0.1%
13	65	9.3%	20000	23	358	1.4%	72	5	0.4%
1.4	32	4.6%	22000	0	394	0.0%	76	5	0.4%
14 15	34		24000	0	429	0.0%	80	1	0.1%
15 _	701			0	465	0.0%	84	3	0.2%
15 _	701		20000						
15 _	701		26000 >28000	0	0	0.0%	>84	36	2.6%
	701	0.	>28000 >28000 TOTAL		. 0	0.0%	>84 TOTAL	1,370	2.6%





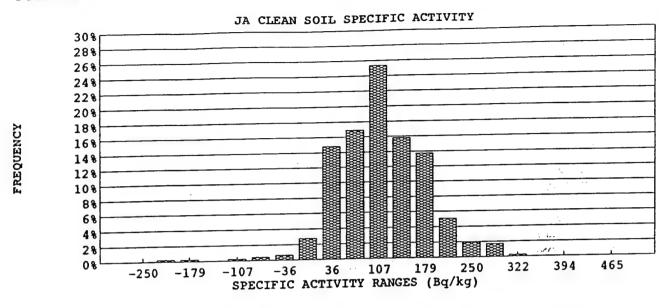


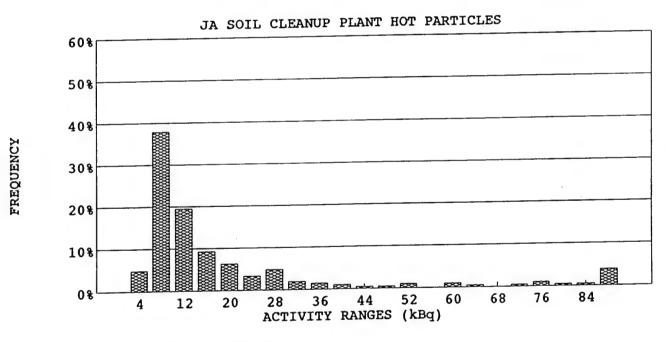


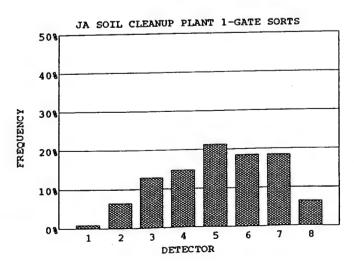
WORK HISTORY -	JA SOIL	CLEANUP PLA	MI.

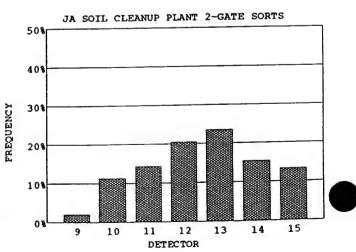
		_	WORK DAY EN	מו	15:30 PM		
WORK DAY START	05:00 AM	-	TIME LOST DU		0.5 HR		
LUNCH START	11:00 AM	ſ	IIME LOSI DO	KING BOLLOIS			
			SORTER 2	SORTER 3	SORTER 4	TOTAL	
		SORTER 1	SORTER 2	DOME		(sorter h	ours)
		4001	10.0 br	10.0 hr	10.0 hr	40.0	hr
WORK HOURS		10.0 hr	3.5 hr	0.0 hr	0.0 hr	7.0	hr
SORTER AVAILABLE HO	JRS	3.5 hr	05:45	NA	NA		
SORTER START-UP		05:45	06:15	NA.	NA		
START SOIL PROCESSING		06:14	0.5 hr	0.0 hr	0.0 hr	1.0	hr
TIME REQUIRED TO STA	RT-UP	0.5 hr		NA	NA		
SORTER SHUT-DOWN		09:15	09:15	NA NA	NA		
END SOIL PROCESSING		08:50	08:51	0.0 hr	0.0 hr	0.8	hr
TIME REQUIRED TO SHU	T DOWN	0.4 hr	0.4 hr	0.0 hr	0.0 hr	5.2	hr
ACTUAL PROCESS HOUR	S	2.6 hr	2.6 hr	0.0 hr	0.0 hr	1.8	hr
DOWN-TIME		0.9 hr	0.9 hr	0.0 hr	0.0 hr	0.0	hr
SYSTEM PAUSE		0.0 hr	0.0 hr	0.0	10.0 hr	33.0	hr
SORTER NONAVAILABLE	ETIME	6.5 hr	6.5 hr	10.0 hr	10.0 hr	20.0	
AUTHORIZED DELAY TI		0.0 hr	0.0 hr	10.0 hr	10.0 m	74.4%	
PLANT PERFORMANCE						13.0%	
PRODUCTIVTY						15.070	
••••							
PRODUCTIVITY							
					tou (contar_bes)	20	hr
Date		05-Mar-94		cused Delays for		2.126	hr
Contract day (from 6 Sep)		144			ontract (sorter-hrs)	-,-	days
Current Contract week		24	Exc	cused delay days	(plant-days)		months
				cused delay mont	hs (plant-month)		-
Soil production for Day		52 M	Γ			35.9%	
Cumlative Soil Production for	r Week	1,003 M		rcent of contract		1.769	
Total Soil production for con				ns Ahead or Beh		-,	days
Since 6 Se		34,336 M	Г Da	ys ahead or behi	a schedule	·	
Since 6 A	ug 93	35,927 M	Γ				
Total Soil production for pro		62,214 M	Γ				

SORTI	ER 1						05-1	Mar-94		2.02
		RTER SOIL I	DENSITY	1.20 tons	s/m³	BA	CKGROUND		64 ±	
SOIL		KILKOOLE			CONTAM	INATED	CLEAN	Т	OTA	L
	* * CC TYOT *	•			0.1 t		26.1 tons	20	5.2 to	ons
	ASS TOTA				4.2 k		55.9 kg			
	LAXIMUM/ LINIMUM/S				0.7 k	•	51.7 kg			
_		I-GROUND			0.1 y	•	20.7 yd3	20	).8 y	d³
V	CLUMEI	COVERY (C	FAN/HOT	+CLEAN))	•	99.4%				
		201EKT (C					DISPERSE	+ PARTICLE	:	
ACTIV	11 1				PART	CLE	НОТ	CLE	AN	
					6,077 1		1,841 kBq	2,5	05 k	Bq
	OTAL				1,341 1	•	768 kBq		17 k	Bq
	(AXIMUM					ωq cBq	0 Bq		-7 k	Bq
	INIMUM/						12,641 Bq/kg		96 E	lq/kg
	PECIFIC A	CHVIII								
SORTS							469	UNE	ХP	PAUSE
2	0-SEC PR	OCESS PERIO	DDS		D 0)	0	409	ПМ		TIME
	AI	L 80 ELEMEI	NTS SORT (N	AD>U&MN	(ט=ט)			None		None
	NO	ONE (AD=0 &	MD=0 & M	ND>0)	\\	374 95				
	SC	ME(AD>0&	0 <md<mni< td=""><td>)max&amp;MNI</td><td>(MNDmax)</td><td>93</td><td></td><td></td><td></td><td></td></md<mni<>	)max&MNI	(MNDmax)	93				
	Uì	VEXPLAINE		MD: 0	0					
			AD<1kBq &		0					
			D=0 & MD>0 D<0 & MD >		0					
_				U	Ü		4,690			
2	-SEC COU	INT PERIODS SEC RECOR	S WITH SO	er s		206	•			
		SEC RECOR				4,484				
-	COTAL DD	OCESS RECO	RDS (2-s SO	RTS and 20	-s PERIODS	)	675			
		ESSING RECO	ORDS (Test o	alibration, e	tc)	,	4			
1	SEC SOD	TDETECTO	RS		,					
2		DET	152	73.8%	:	5 DET	1	0.5%		
		DET	45	21.8%		6 DET	0	0.0%		
		DET	7	3.4%		7 DET	0	0.0%		
		DET	1	0.5%	;	8 DET	0	0.0%		
4		TIME BETWI	EEN 2-SEC S		61.7	sec				
		DISTRI								
		DISTRI		NUM	SPEC_A	FREO%	ACT_P	NUM		FREQ%
1-GATI		ED EOW	ACT_ND (Bq)	(#)	(Bq/kg)	T REQ //	(kBq)	(#)		
	SORTS	FREQ% 0.9%	-14000	0	-250	0.0%	4	10		4.9%
1	1		-12000	1	-215	0.2%	8	78		37.9%
2	7	6.5%	-12000 -10000	1	-179	0.2%	12	40		19.4%
3	14	13.0%	-10000 -8000	0	-143	0.0%	16	19		9.2%
4	16	14.8%	-6000 -6000	1	-107	0.2%	20	13		6.3%
5	23	21.3% 18.5%	-4000 -4000	2	-72	0.4%	24	7		3.4%
6	20	18.5%	-2000	3	-36	0.6%	28	10		4.9%
7	20 7	6.5%	-2000	. 13	0	2.7%	32	4		1.9%
δ <sub>-</sub>	108	0.570	2000	70	36	14.8%	36	3		1.5%
TOTAL	100		4000	80	72	16.9%	40	2		1.0%
2CAT	ESORTS		6000	120	107	25.4%	44	1		0.5%
	SORTS	FREQ%	8000	75	143	15.9%	48	1		0.5%
9	2	2.0%	10000	65	179	13.7%	52	2		1.0%
10	11	11.2%	12000	24	215	5.1%	56	0		0.0%
11	14	14.3%	14000	9	250	1.9%	60	2		1.0%
12	20	20.4%	16000	8	286	1.7%	64	1		0.5%
13	23	23.5%	18000	1	322	0.2%	68	0		0.0%
14	15	15.3%	20000	0	358	0.0%	72	1		0.5%
15	13	13.3%	22000	0	394	0.0%	76	2		1.0%
TOTAL	98	13.370	24000	0	429	0.0%	80	1		0.5%
IOIAL	90		26000	0	465		84	1		0.5%
			>28000	0	0		>84	8_		3.9%
			TOTAL	473	Ů		TOTAL	206		
			IOIAL	7.5		DISE	0			

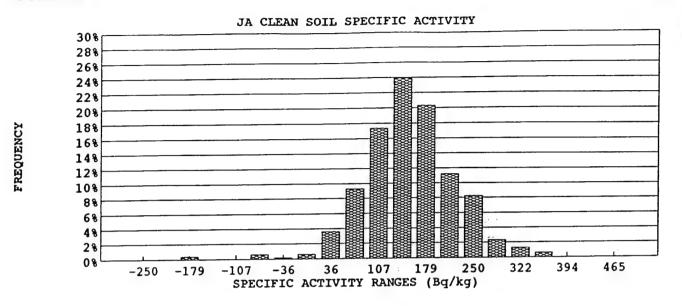


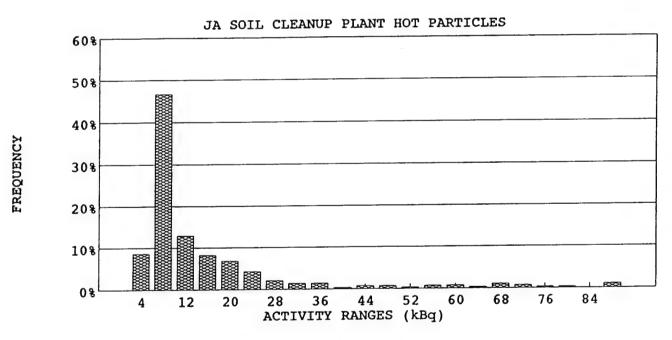


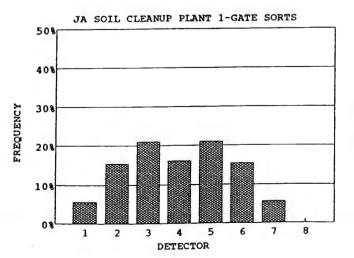


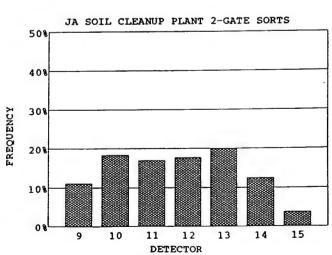


SORT								)5-Mar-94	0.75	± 0.02 «
00.55	S	ORTER SOIL	DENSITY	1.20 to			BACKGROUND		0.75 :	
SOIL					CONTAM				26.2 t	
	MASS TOT.				_	tons	26.0 to		20.2	OIIS
	MAXIMUM				4.2 0.7	_	55.9 kg 51.7 kg			
	MINIMUM				0.7	•	20.6 yd		20.7 y	/d3
		N-GROUNE ECOVERY (		TAC EAN		99.2%	20.0 ya		20	_
		ECOVERT	CLEAN(IIO)	TULAN		33.270	DISDE	RSED + PART	ICLE	
ACII	VITY				PART	7.CT E	HOT		CLEAN	
	mom . T				3,969		1,272 kB		3,616	cBa
	TOTAL	(KODT			164	•	99 kB	•	19 1	_
	MAXIMUM MINIMUM					kBq	0 Bq	•	-51	•
	SPECIFIC A						6,116 Bq		139 I	3q/kg
SORT										
		OCESS PERI	ODS				468		UNEXP	PAUSE
		LL 80 ELEME		MD>0&MN	D=0	0			TIME	TIME
	N	ONE (AD=0	& MD=0 & M	(ND>0)		336			07:03	None
	SC	OME (AD>08	k0 <md<mn< td=""><td>Dmax&amp;MN</td><td>D<mndmax)< td=""><td>132</td><td></td><td></td><td></td><td></td></mndmax)<></td></md<mn<>	Dmax&MN	D <mndmax)< td=""><td>132</td><td></td><td></td><td></td><td></td></mndmax)<>	132				
	U	NEXPLAINE	D RECORDS		0					
			<ad<1kbq &<="" td=""><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>		1					
			D=0 & MD>		0					
			D<0 & MD >	•0	0		4.600			
		UNT PERIOD		n TC		279	4,680			
	_	-SEC RECOF -SEC RECOF				4,401				
	_	OCESS RECO			PEDIODS		747			
	NONDROC	ESSING REC	OPDS (Test of	alibration e	ac)	')	5			
		T DETECTO		Zanoracion, c	)					
		DET	204	73.1%		5 DET	0	0.0%		
		DET	63	22.6%		6 DET	0	0.0%		
	3	DET	10	3.6%		7 DET	0	0.0%		
		DET	2	0.7%		8 DET	0	0.0%		
		TIME BETW			45.9	sec				
FREC	<b>UENCY</b>	Y DISTRI	BUTION	IS						
1-GAT	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1	8	5.6%	-14000	0	-250	0.0%	4 💝	24		8.6%
2	22	15.4%	-12000	0	-215	0.0%	8	130		46.6%
3	30	21.0%	-10000	2	-179	0.4%	12	36		12.9% 8.2%
4	23	16.1%	-8000	0	-143	0.0%	16 20	23 19		6.8%
5	30	21.0%	-6000 4000	0	-107 -72	0.0% 0.6%	20 24	19		4.3%
6	22	15.4%	4000 2000	3 1	-72 -36	0.0%	28	6		2.2%
7	8 0	5.6% 0.0%	2000 0	3	-30	0.2%	32	4		1.4%
B	143	U.U%	2000	17	36	3.6%	36	4		1.4%
IOIAL	142		4000	44	72	9.3%	40	1		0.4%
2-GAT	ESORTS		6000	82	107	17.3%	44	2		0.7%
DET	SORTS	FREQ%	8000	113	143	23.9%	48	2		0.7%
9	15	11.0%	10000	96	179	20.3%	52	1		0.4%
10	25	18.4%	12000	53	215	11.2%	56	2		0.7%
11	23	16.9%	14000	39	250	8.2%	60	2		0.7%
12	24	17.6%	16000	11	286	2.3%	64	1		0.4%
13	27	19.9%	18000	6	322	1.3%	68	3		1.1%
14	17	12.5%	20000	3	358	0.6%	72	2		0.7%
15	5	3.7%	22000	0	394	0.0%	76	1		0.4%
TOTAL	. 136		24000	0	429	0.0%	80	1		0.4%
			26000	0	465	0.0%	84	0		0.0%
			` <b>&gt;2</b> 8000 _	0	0	0.0%	>84	3		1.1%
			TOTAL	473			TOTAL	279		
		HPE	287	MPE	5	DISE	5			









1,769 MT

6 days

Tons Ahead or Behind Schedule

Days ahead or behind schedule

		WORK HISTORY -	- JA SOIL CLEA	MOF FLANT	0, 1.1.	
WORK DAY START	06:00	AM	WORK DAY EN	4D	16:30 PM	
LUNCH START	11:00		TIME LOST DU	IRING LUNCH	0.5 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL
		551115111				(sorter hours)
WORK HOURS		10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
SORTER AVAILABLE H	IOURS	0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
SORTER START-UP		NA	NA	NA	NA	
START SOIL PROCESSI	NG	NA	NA	NA	NA	
TIME REQUIRED TO ST		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
SORTER SHUT-DOWN		NA	NA	NA	NA	
END SOIL PROCESSING		NA	NA	NA	NA	
TIME REQUIRED TO SI		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
ACTUAL PROCESS HO		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
DOWN-TIME		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
SYSTEM PAUSE		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
SORTER NONAVAILAB	IETIME	10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
AUTHORIZED DELAY		10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
PLANT PERFORMANCE						NA
PRODUCTIVTY						0.0%
PRODUCTIVITY						
Date		07-Mar-94	Exc	used Delays for d	ay (sorter–hrs)	40 hr
Contract day (from 6 Sep)		145	Exc	used delays for co	entract (sorter-hrs)	2,166 hr
Current Contract week		25	Exc	used delay days (1	plant—days)	54 days
			Exc	used delay month	s (plant-month)	2.08 months
Soil production for Day		0 MT				
Cumlative Soil Production	for Week	0 MT	Perc	cent of contract co	ompleted	35.9%
			~	41 1 D.12	d Cabadula	1 760 MT

34,336 MT

35,927 MT

62,214 MT

MT = metric tons

Total Soil production for contract

Total Soil production for project

Since 6 Sep 93

Since 6 Aug 93

WORK HISTORY - J	A	SOIL CL	EA	NUI	P PI	ANT
------------------	---	---------	----	-----	------	-----

08 - Mar - 94

WORK DAY START	06:00	AM		WORK DAY E	ND	16:30 PM	
LUNCH START	11:00	AM		TIME LOST DU	JRING LUNCH	0.5 HR	
			SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL (sorter hours)
			10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
WORK HOURS	OUDC		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
SORTER AVAILABLE H	OURS		NA	NA	NA	NA	
SORTER START-UP			NA NA	NA	NA	NA	
START SOIL PROCESSI			0.0 br	0.0 hr	0.0 hr	0.0 hr	0.0 hr
TIME REQUIRED TO ST			NA	NA	NA NA	NA	
SORTER SHUT-DOWN			•	NA.	NA	NA	
END SOIL PROCESSING			NA 0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
TIME REQUIRED TO SI			0.0	0.0 hr	0.0 hr	0.0 hr	0.0 hr
ACTUAL PROCESS HO	JRS		0.0 hr	• • • • • • • • • • • • • • • • • • • •	0.0 hr	0.0 hr	0.0 hr
DOWN-TIME			0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
SYSTEM PAUSE			0.0 hr	0.0 hr	10.0 hr	10.0 hr	40.0 hr
SORTER NONAVAILAB			10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
AUTHORIZED DELAY	TIME		10.0 hr	10.0 hr	10.0 nr	10.0 iii	NA
PLANT PERFORMANCI	Ε						0.0%
PRODUCTIVTY							0.070
PRODUCTIVITY							
Date		08	8-Mar-94	Exc	used Delays for d	ay (sorter-hrs)	40 hr
Contract day (from 6 Sep)			146	Exc	cused delays for co	ontract (sorter-hrs)	2,206 hr
Current Contract week			25	Exc	used delay days (	plant-days)	55 days
Current Contract week				Exc	used delay month	s (plant-month)	2.12 months
Soil production for Day			0 M7	Γ			
Cumlative Soil Production	for Week		0 M7		cent of contract c		35.9%
Total Soil production for c				Tor	ns Ahead or Behir	nd Schedule	1,769 MT
Since 6			34,336 MT	T Day	ys ahead or behin	d schedule	6 days
Since 6	-		35,927 MT				
Total Soil production for p	-		62,214 M7	r			

09 - Mar - 94

6 days

	wo	RK HISTORY -	JA SOIL CLEA	ANUP PLANT	Uy - Mar - 9	74
WORK DAY START 06:	00 AM	,	WORK DAY EI	ND	16:30 PM	
LUNCH START 11:	-			IRING LUNCH	0.5 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL
						(sorter hours)
WORK HOURS		10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
SORTER AVAILABLE HOURS		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
SORTER START-UP		NA	NA	NA	NA	
START SOIL PROCESSING		NA	NA	NA	NA	
TIME REQUIRED TO START-	TIP	0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
SORTER SHUT-DOWN	0.	NA	NA	NA	NA	
END SOIL PROCESSING		NA	NA	NA	NA	
TIME REQUIRED TO SHUT DO	own	0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
ACTUAL PROCESS HOURS	J	0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
DOWN-TIME		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
SYSTEM PAUSE		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
SORTER NONAVAILABLE TIM	Æ.	10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
AUTHORIZED DELAY TIME		10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
PLANT PERFORMANCE		2010 111				NA
PRODUCTIVTY						0.0%
PRODUCTIVITY						
Date		09 – Mar – 94	Exc	used Delays for d	ay (sorter – hrs)	40 hr
Contract day (from 6 Sep)		147	Exc	used delays for co	ontract (sorter-hrs)	2,246 hr
Current Contract week		25	Exc	used delay days (	plant-days)	56 days
Current Contract wook			Exc	used delay month	s (plant-month)	2.16 months
Soil production for Day		0 MT				
Cumlative Soil Production for We	ek	0 MT		cent of contract c	-	35.9%
Total Soil production for contract			To	ns Ahead or Behin	nd Schedule	1,769 MT
				t d. a. a. b. a.b.i.a.	d aabadula	6 days

34,336 MT

35,927 MT

62,214 MT

MT = metric tons

Total Soil production for project

Since 6 Sep 93

Since 6 Aug 93

Days ahead or behind schedule

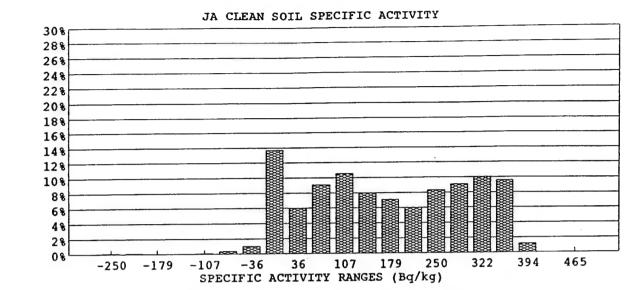
WORK HISTORY - JA SOIL CLEANUP PLANT	10-Mar-94

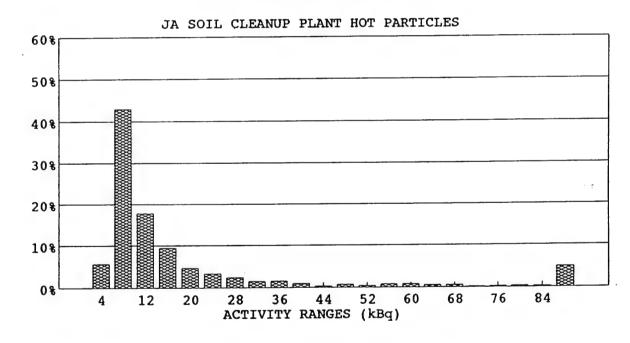
WORK DAY START LUNCH START	06:00 11:00	AM AM		WORK DAY E	ND URING LUNCH	16:30 PM 0.5 HR	
			SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL (sorter hours)
			10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
WORK HOURS	OLIDC		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
SORTER AVAILABLE H	OUKS		NA	NA	NA	NA	
SORTER START-UP			NA.	NA	NA	NA	
START SOIL PROCESSI			0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
TIME REQUIRED TO S			NA	NA	NA	NA	
SORTER SHUT-DOWN			NA.	NA	NA	NA	
END SOIL PROCESSING			0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
TIME REQUIRED TO S			0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
ACTUAL PROCESS HO	URS		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
DOWN-TIME			0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
SYSTEM PAUSE			10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
SORTER NONAVAILAI			10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
AUTHORIZED DELAY			10.0 111	10.0			NA
PLANT PERFORMANC PRODUCTIVTY	E						0.0%
PRODUCTIVITY							
PRODUCTIVITY				_	4 Dalam for	dov (corter—hrs)	40 hr
Date		1	10-Mar-94		cused Delays for	contract (sorter-hrs)	2,286 hr
Contract day (from 6 Sep)	•		148		cused delays for c		57 days
Current Contract week			25			ths (plant-month)	2.20 months
o the standard for Day			0 M		•		
Soil production for Day  Cumlative Soil Production	for Week		0 M		ercent of contract	completed	35.9%
•			3 ***		ons Ahead or Beh		1,769 MT
Total Soil production for	Sep 93		34,336 M	г р	ays ahead or behi	nd schedule	6 days
	Aug 93		35,927 M				
Total Soil production for	•		62,214 M				

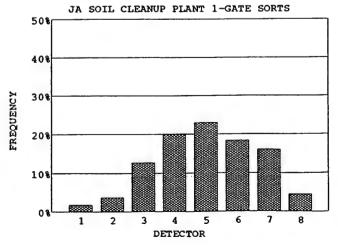
WORK DAY CTART	06:00 AM	,	WORK DAY I	END	16:30 PM	
WORK DAY START LUNCH START	11:00 AM			URING LUNCH	0.0 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL (sorter hours)
WORKHOUDE		10.5 hr	10.5 hr	10.5 hr	10.5 hr	42.0 hr
WORK HOURS SORTER AVAILABLE HO	AT ID S	7.5 hr	7.5 hr	0.0 hr	0.0 hr	15.0 hr
SORTER START-UP	OCKO	08:30	08:30	NA	NA	
START SOIL PROCESSING	G	09:10	09:10	NA	NA	
TIME REQUIRED TO STA		0.7 hr	0.7 hr	0.0 hr	0.0 hr	1.3 hr
	ari oi	16:00	16:00	NA	NA	
SORTER SHUT-DOWN		15:43	15:42	NA	NA	
END SOIL PROCESSING TIME REQUIRED TO SH	ILL DOMN	0.3 hr	0.3 hr	0.0 hr	0.0 hr	0.6 hr
		6.6 hr	6.5 hr	0.0 hr	0.0 hr	13.0 hr
ACTUAL PROCESS HOU	K3	0.9 hr	1.0 hr	0.0 hr	0.0 hr	2.0 hr
DOWN-TIME		0.0 hr	0.1 hr	0.0 hr	0.0 hr	0.1 hr
SYSTEM PAUSE	CTIME	3.0 hr	3.0 hr	10.0 hr	10.0 hr	26.0 hr
SORTER NONAVAILABL		0.0 hr	0.0 hr		10.0 hr	20.0 hr
AUTHORIZED DELAY T		0.0 111	-			86.9%
PLANT PERFORMANCE PRODUCTIVTY						31.0%
PRODUCTIVITY						
Date		11-Mar-94		xcused Delays for		20 hr
Contract day (from 6 Sep)		149			ontract (sorter-hrs)	2,296 hr
Current Contract week		25		xcused delay days (		57 days
			E	xcused delay mont	hs (plant-month)	2.21 months
Soil production for Day		131 M7				26.10
Cumlative Soil Production f	or Week	131 M7		ercent of contract of		36.1%
Total Soil production for co				ons Ahead or Behi		1,663 MT
Since 6 S		34,468 M7	L D	ays ahead or behir	nd schedule	5 days
Since 6 A	=	36,059 M	r			
Total Soil production for pr	_	62,345 M	Γ			
	-					

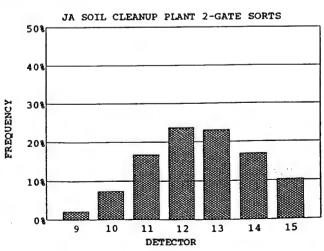
SORTE	7R 1						11-N	Mar-94	
OKIL		RTER SOIL	DENSITY	1.20 ton	s/m³	BA	CKGROUND	0.67	
SOIL		KIEKOOL			CONTAMI	NATED	CLEAN	TOT	
	IASS TOTA	T			7.8 to	ons	58.2 tons	66.0	tons
	(AXIMUM				58.1 k	g	55.9 kg		
	INIMUM/				0.7 k		43.3 kg	52.2	ud3
V	OLUME IN	I-GROUND			6.2 ye		46.2 yd <sup>3</sup>	52.3	yu
W	EIGHT RI	COVERY (C	LEAN/(HOT	+CLEAN))		88.2%		D. DOTOL D	
ACTIV								+ PARTICLE	
1011.					PARTI	CLE	НОТ	CLEAN	
т	OTAL				99,666 k	Bq	37,549 kBq	10,465	-
	(AXIMUM	SORT			11,480 k	•	13,938 kBq		kBq kBq
	INIMUM/				3 k	Bq	0 Bq		Bq/kg
	PECIFIC A						4,826 Bq/kg	100	Dq/RB
SORTS	3								DALLER
		OCESS PERIO	ODS				1,181		P PAUSE TIME
20	A1	L 80 ELEME	NTS SORT (	/D>0&MN	D=0	122		TIME	
	NO	ONE (AD=0 &	& MD=0 & M	ND>0)		672		11:06	
	SC	ME(AD>0&	c0 <md<mn< td=""><td>Omax&amp;MN</td><td>D<mndmax)< td=""><td>387</td><td></td><td>11:26</td><td></td></mndmax)<></td></md<mn<>	Omax&MN	D <mndmax)< td=""><td>387</td><td></td><td>11:26</td><td></td></mndmax)<>	387		11:26	
	t)i	NEXPLAINE	D RECORDS		0				
		0<	<ad<1kbq&< td=""><td>MD&gt;0</td><td>2</td><td></td><td></td><td></td><td></td></ad<1kbq&<>	MD>0	2				
		A	D=0 & MD>	0	0				
		A	D<0 & MD >	0	0		11.010		
2	-SEC COU	INT PERIOD	S				11,810		
	2-	SEC RECOR	DS WITH SC	RTS		1,244			
	2-	-SEC RECOR	DS WITHOU	TSORTS	nentone)	10,566	2,425		
T	OTAL PRO	OCESS RECO	RDS (2-s SC	RTS and 20	-s PERIODS)		2,423		
N	IONPROC	ESSING REC	ORDS (Test, o	alibration, e	etc)		2		
2		T DETECTO		71.2%	4	DET	4	0.3%	
		DET	886 275	22.1%		DET	0	0.0%	
		DET	68	5.5%		DET	0	0.0%	
		DET DET	11	0.9%		DET	0	0.0%	
			EEN 2-SEC		26.7 s	ec	•		
ED EO	TIENICS	DISTRI	BUTION	S					
		DISTRI	ACT ND	NUM	SPEC_A	FREO%	ACT P	NUM	FREQ%
1-GATE		ED EOW	_	(#)	(Bq/kg)		(kBq)	(#)	
	SORTS	FREQ% 1.8%	(Bq) -14000	1	-250	0.1%	4	70	5.6%
1			-12000	1	-215	0.1%	8 .	534	42.9%
2	23	3.7% 12.7%	-12000 -10000	0	-179	0.0%	12	221	17.8%
3	80	20.1%	-8000	0	-143	0.0%	16	117	9.4%
5	126 144	20.1%	-6000	1	-107	0.1%	20	58	4.7%
6	115	18.3%	-4000	4	-72	0.3%	24	41	3.3%
7	101	16.1%	-2000	12	-36	1.0%	28	30	2.4%
8	28	4.5%	0	. 162	0	13.7%	32	18	1.4%
TOTAL	628		2000	70	36	5.9%	36	19	1.5% 1.0%
	-2-		4000	107	72	9.0%	40	12	0.3%
2-GATI	ESORTS		6000	125	107	10.6%	44	4 9	0.7%
		FREQ%	8000	94	143	7.9%	48 52	5	0.4%
9	13	2.1%	10000	84	179	7.1%	52	10	0.8%
10	45	7.3%	12000	71	215	6.0%	56 60	10	0.8%
11	103	16.7%	14000	98	250	8.3% 9.0%	64	7	0.6%
12	146	23.7%	16000	107	286	9.0% 10.1%	68	7	0.6%
13	142	23.1%	18000	119	322		72	2	0.2%
14	104	16.9%	20000	113	358	9.6%		3	0.2%
15	63	10.2%	22000	14	394	1.2%	. 76	4	0.2%
TOTAL	616		24000	0	429	0.0%	80	3	0.2%
			26000	0	465	0.0%	84		4.8%
			>28000	0	0	0.0%	>84	1 244	٠٠.٥ /٥
			TOTAL	1,183		P	TOTAL 9872	1,244	
		HPE	1,214	MPE	47	DISE	9X77.		

FREQUENCY



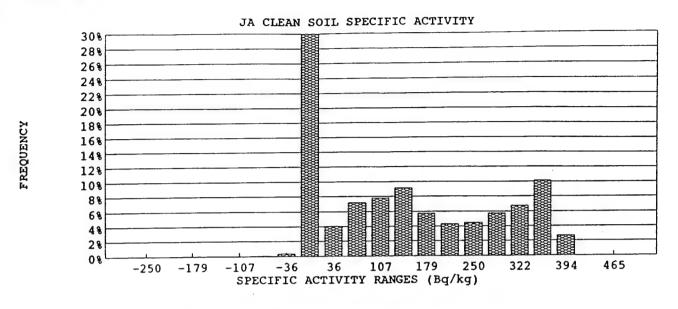


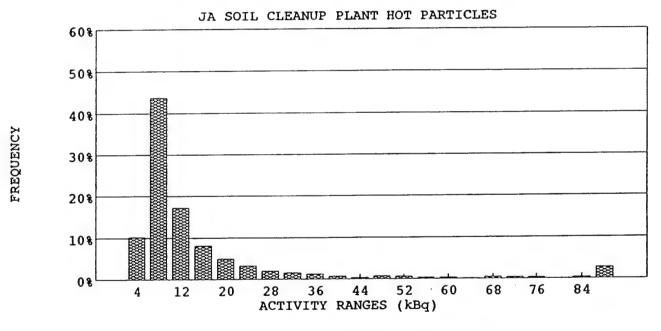


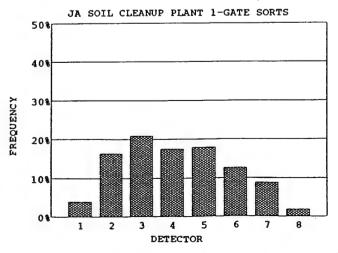


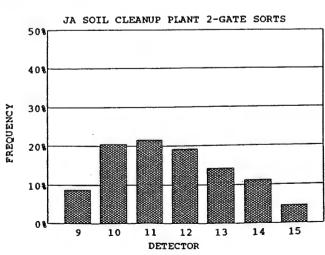
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SORTI	ER 2							Mar-94	10 + 0.01
,01(11		RTER SOIL I	DENSITY	1.20 tons	s/m³	BA	CKGROUND		78 ± 0.01
SOIL					CONTAMI	NATED	CLEAN		TAL
	ASS TOTA	L			20.5 to	ons	44.7 tons	65	.2 tons
	AXIMUM/				58.1 k	g	55.9 kg		
-	AINIMUM/S				0.7 k	g	44.0 kg		2
		-GROUND			16.3 y	d³	35.4 yd <sup>3</sup>	51	.7 yd <sup>3</sup>
v	VEIGHTRE	COVERY (C	LEAN/(HOT	+CLEAN))		68.5%			
ACTIV							DISPERSE	D + PARTICLE	
ACIIV	111				PARTI	CLE	HOT	CLEA	/N
_					25,177 k	Bq	18,155 kBq	8,51	l2 kBq
	OTAL AXIMUM/	TOOT			864 k	•	636 kBq		21 kBq
	AAXIMUM/S AINIMUM/S				2 k	:Bq	0 Bq		5 kBq
	PECIFIC A						885 Bq/kg	1	1 Bq/kg
		CHVIII							
SORTS		PPD 16	NDC.				1,166	UNE	XP PAUSE
2	0-SEC PRO	CESS PERIO	DD2	(D>08MN	D=0)	353		TIM	
	AL	L 80 ELEME	N12 20K1 (F	MD>0	D=0)	510		09:	56 13:25
	NO	NE (AD=0 &	O~MD~VANII	Dmar&MNI	O <mndmax)< td=""><td>303</td><td></td><td>13:</td><td>19</td></mndmax)<>	303		13:	19
	SO	ME (AD>0& IEXPLAINEI	<b>ひたしつりしょ</b> マイMTATM1A1	J.IIIAACINII VI	0				
	UN		AD<1kBq &	MD>0	2				
			D=0 & MD>		0				
			D<0& MD>		0				
_	SEC COT	NT PERIOD:					11,660		
2	2-SEC COC	SEC RECOR	DS WITH SO	RTS		1,438			
	2-	SEC RECOR	DS WITHOU	TSORTS		10,222			
-	-4 POTAL DD (	CESS RECO	RDS(2-s SC	RTS and 20	-s PERIODS	)	2,604		
,	NONDOCE	ESSING RECO	ORDS (Test of	alibration, e	tc)		2		
2	SEC SOR	TDETECTO	RS		·				
-		ET	1,049	72.9%	3	DET	2	0.1%	
		DET	317	22.0%	•	DET	0	0.0%	
		DET	60	4.2%	•	DET	0	0.0%	
		DET	10	0.7%	4	BDET	0	0.0%	
		TIME BETW	EEN 2-SEC	SORTS	22.2	sec			
ERFO	LIENCY	DISTRI	BUTION	IS					
	ESORTS	<i>D</i> 101111	ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM	FREQ9
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)	
	28	4.0%	-14000	Ò	-250	0.0%	4	147	10.2%
1		16.4%	-12000	0	-215	0.0%	8	628	43.7%
2	115	20.9%	-10000	1	-179	0.1%	12	248	17.2%
3 4	147 123	17.5%	-8000	1	-143	0.1%	16	117	8.1%
5	126	17.9%	-6000	0	-107	0.0%	20	72	5.0%
6	89	12.7%	-4000	1	-72	0.1%	24	47	3.3%
7	62	8.8%	-2000	4	-36	0.3%	28	29	2.0%
γ χ	13	1.8%	0	368	0	31.5%	32	22	1.5% 1.3%
TOTAL	703		2000	47	36	4.0%	36	18	0.8%
.OITL			4000	84	72	7.2%	40	11	0.8%
2-GAT	ESORTS		6000	91	107	7.8%	44	5	0.8%
DET	SORTS	FREQ%	8000	107	143	9.2%	48	11	0.6%
9	64	8.7%	10000	67	179	5.7%	52	9	0.3%
10	151	20.5%	12000	50	215	4.3%	56	5	0.3%
11	159	21.6%	14000	52	250	4.5%	60	5	0.1%
12	141	19.2%	16000	67	286	5.7%	64	2	0.1%
13	104	14.1%	18000	79	322	6.8%	68	7	0.4%
14	82	11.2%	20000	118	358	10.1%	72	6	0.4%
15	34	4.6%	22000	31	394	2.7%	76	5	0.0%
TOTAL	735		24000	0	429	0.0%	80	0 5	0.3%
			26000	0	465	0.0%	84		2.7%
			>28000	0	0	0.0%	>84	1 438	2.170
			TOTAL	1,168			TOTAL	1,438	
						DISE	27885		









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WORK HISTORY		OII CI	CANLIP	PLANT
WORK HISTORY -	- IA \	CHI LJ	PANUL	LLAUVI

WORK DAY START LUNCH START	06:00 11:00	AM AM		WORK DAY		ING LUNCH	16:30 0.:	PM 5 HR		
			SORTER 1	SORTER	2	SORTER 3	SORT	ER 4	TOTAL	
									(sorter h	•
WORK HOURS			10.0 hr	10.0	hr	10.0 hr	10.0	0 hr	40.0	
SORTER AVAILABLE H	OURS		0.0 hr	0.0	hr	0.0 hr	0.0	0 hr	0.0	hr
SORTER START-UP			NA	NA		NA	N.	-		
START SOIL PROCESSIN	IG		NA	NA		NA	N/			
TIME REQUIRED TO ST			0.0 hr	0.0	hr	0.0 hr	0.	0 hr	0.0	þr
SORTER SHUT-DOWN			NA	NA		NA	N/	A		
END SOIL PROCESSING			NA	NA		NA	N	4		
TIME REQUIRED TO SH			0.0 hr	0.0	hr	0.0 hr	0.	0 hr	0.0	
ACTUAL PROCESS HOU			0.0 hr	0.0	hr	0.0 hr	0.	0 hr	0.0	
DOWN-TIME			0.0 hr	0.0	hr	0.0 hr	0.	0 hr	0.0	
SYSTEM PAUSE			0.0 hr	0.0	hr	0.0 hr	0.	0 hr	0.0	
SORTER NONAVAILAB	LETIME		10.0 hr	10.0	hr	10.0 hr	10.	0 hr	40.0	
AUTHORIZED DELAY			10.0 hr	10.0	hr	10.0 hr	10.	0 hr	40.0	
PLANT PERFORMANCE									NA	
PRODUCTIVTY	,								0.0%	
PRODUCTIVITY										
		1	4-Mar-94		Excuse	ed Delays for d	ay (sorte	er-hrs)		hr
Date			151			ed delays for co			2,386	
Contract day (from 6 Sep) Current Contract week			26		Excuse	ed delay days (	plant-d	ays)		days
Current Contract week					Excuse	ed delay month	ıs (plant	-month)	2.29	months
Soil production for Day			0 M							
Cumlative Soil Production	for Week		0 M			nt of contract c			36.1%	
Total Soil production for co						Ahead or Behi			1,742	
Since 6			34,468 M	Т	Days a	thead or behin	d schedu	ile	6	days
Since 6			36,059 M	Т						
Total Soil production for p	_		62,345 M	Т						
•										

		WORKINGTO		TASOIL			-		
WORK DAY START	6:00	AM		WORK DA	Y EN	۷D	16:30 PM		
LUNCH START	11:00	AM		TIME LOS	rdu	IRING LUNCH	0.5 HR		
		SORTER 1	1	SORTE	₹2	SORTER 3	SORTER 4	TOTAL	
WORK HOURS		10.0	hr	10.0	hr	10.0 hr	10.0 hr	40.0	hr
SORTER AVAILABLE HO	URS	0.0	hr	0.0	hr	0.0 hr	0.0 hr	0.0	hr
SORTER START-UP		NA		NA		NA	NA		
START SOIL PROCESSING	3	NA		NA		NA	NA		
TIME REQUIRED TO STA	RT-UP	0.0	hr	0.0	hr	0.0 hr	0.0 hr	0.0	hr
SORTER SHUT-DOWN		NA		NA		NA	.NA		
END SOIL PROCESSING		NA		NA		NA	NA		
TIME REQUIRED TO SHU	T DOWN	0.0	hr	0.0	hr	0.0 hr	0.0 hr	0.0	hr
ACTUAL PROCESS HOUR	S	0.0	hr	0.0	hr	0.0 hr	0.0 hr	0.0	hr
DOWN-TIME		0.0	hr	0.0	hr	0.0 hr	0.0 hr	0.0	hr
SYSTEM PAUSE		0.0	hr	0.0	hr	0.0 hr	0.0 hr	0.0	hr
SORTER NONAVAILABLE	<b>ЕТІМЕ</b>	10.0	hr	10.0	hr	10.0 hr	10.0 hr	40.0	hr
AUTHORIZED DELAY TI	ME	10.0	hr	10.0	hr	10.0 hr	10.0 hr	40.0	hг
PLANT PERFORMANCE								NA	
PRODUCTIVTY								0.0%	
PRODUCTIVITY									
Date		14-Mar-94			Excu	ised Delays for o	day (sorter-hrs)	40	hr
Contract day (from 6 Sep)		151			Excu	ised delays for c	ontract (sorter-hrs)	2,386	hr
Current Contract week		26			Excu	ısed delay days (	plant-days)	60	days
					Excu	ised delay monti	hs (plant-month)	2.29	months
Soil production for Day		0	MT						
Cumlative Soil Production for	Week	0	MT		Perc	ent of contract of	completed	36.1%	
Total Soil production for cont	tract				Tons	s Ahead or Behi	nd Schedule	1,742	MT
Since 6 Sep	p 93	34,468	MT		Days	s ahead or behin	d schedule	6	days
Since 6 Au	g 93	36,059	MT						
Total Soil production for proj	ect	62,345	MT						

## WORK HISTORY - JA SOIL CLEANUP PLANT

15-Mar-94

WORK DAM CTART	06:00 AM		WORK DAY	FND	16:30 PM	
WORK DAY START	11:00 AM			DURING LUNCH		
LUNCH START	11:00 AM		TIME DOG.	2011110		
		SORTER 1	SORTER	2 SORTER 3	SORTER 4	TOTAL
		SORIERI	00111011			(sorter hours)
WORK HOURS		10.5 hr	10.5 h	r 10.5 hr	10.5 hr	42.0 hr
SORTER AVAILABLE HOUR	s	10.3 hr	10.3 h	r 0.0 hr	0.0 hr	20.5 hr
SORTER START-UP	•	06:00	06:00	NA	NA	
START SOIL PROCESSING		06:51	06:51	NA	NA	
TIME REQUIRED TO START	-UP	0.9 hr	0.9 h	r 0.0 hr	0.0 hr	1.7 hr
SORTER SHUT-DOWN		16:15	16:15	NA	NA	
END SOIL PROCESSING		15:41	15:41	NA	NA	
TIME REQUIRED TO SHUT I	OOWN	0.6 hr	0.6 h	r 0.0 hr	0.0 hr	1.1 hr
ACTUAL PROCESS HOURS		7.1 hr	6.9 h	o.0 hr	0.0 hr	14.1 hr
DOWN-TIME		3.1 hr	3.3 h	r 0.0 hr	0.0 hr	6.4 hr
SYSTEM PAUSE		1.7 hr	1.9 h	r 0.0 hr	0.0 hr	3.7 hr
SORTER NONAVAILABLE TI	ME	0.2 hr	0.2 h	r 10.0 hr	10.0 hr	20.5 hr
AUTHORIZED DELAY TIME		0.0 hr	0.0 h	r 10.0 hr	10.0 hr	20.0 hr
PLANT PERFORMANCE						68.7%
PRODUCTIVTY						33.5%
Robectivit						
PRODUCTIVITY						
						20 hr
Date	1:	5-Mar-94		Excused Delays for o	• •	2.406 hr
Contract day (from 6 Sep)		152			ontract (sorter-hrs)	60 days
Current Contract week		26		excused delay days (		2.31 months
				Excused delay month	ns (piant-montil)	2.31 months
Soil production for Day		142 M7			latad	36.2%
Cumlative Soil Production for Wo		142 MT		Percent of contract of	_	1,725 MT
Total Soil production for contract				Tons Ahead or Behi		5 days
Since 6 Sep 93		34,609 M7		Days ahead or behin	a schedule	Juays
Since 6 Aug 93	3	36,200 MT				
Total Soil production for project		62,487 MT				

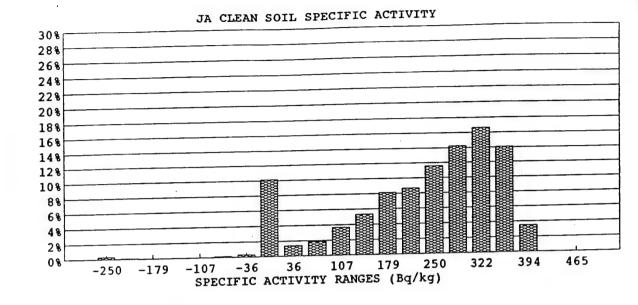
File Report1 Printed on 18-Mar-94 at 11:08:07 AM C-134

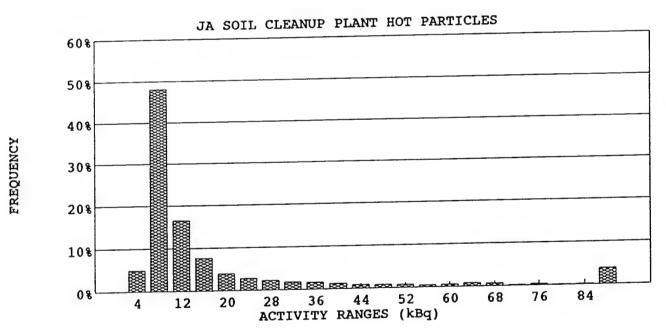
							15-N	Mar-94	
SORTE				1.00 1		RA	CKGROUND	0.67 ±	0.04 c/s
	SO	RTER SOIL D	ENSITY	1.20 tons/	CONTAMI		CLEAN	TOTA	L
SOIL							63.8 tons	71.9 to	ons
	ASS TOTA				8.1 to		55.9 kg		
	AXIMUM/				58.1 kg		44.0 kg		
	INIMUM/S				0.7 kg		50.6 yd <sup>3</sup>	57.0 y	d³
V	OLUME IN	-GROUND		CT D ( ) D)	6.4 yc	88.8%	50.0 )-	•	
		COVERY (CI	EAN/(HOT-	(CLEAN)		00.070	DISDEDSEL	+ PARTICLE	
ACTIV	TTY					~	HOT	CLEAN	
					PARTI			15,747 k	·Ra
T	OTAL				38,323 kl	•	15,304 kBq	21 1	-
M	AXIMUM/	SORT			2,499 kl	_	1,353 kBq 0 Bq	-5 N	•
M	INIMUM/S	ORT			3 ki	Вq	1,893 Bq/kg	247 1	-
S	PECIFIC A	CHVITY					1,033 Dq/kg		
SORTS	3							IINEYD	PAUSE
20	0-SEC PRO	CESS PERIO	DS				1,286	TIME	TIME
_	ΑĬ	L 80 ELEMEN	VTS SORT (M	ID>0&MNI	)=0)	124		07:29	06:52
	NO	NE(AD=0&	MD=0 & MI	ND>0)		646		~ 07:29	00:32 07:30
	SO	ME (AD>0&0	O <md<mni< td=""><td>max&amp;MND</td><td><mndmax)< td=""><td>516</td><td></td><td>08:05</td><td>07:40</td></mndmax)<></td></md<mni<>	max&MND	<mndmax)< td=""><td>516</td><td></td><td>08:05</td><td>07:40</td></mndmax)<>	516		08:05	07:40
	UN	NEXPLAINED	RECORDS		U			00.03	07:44
			AD<1kBq &		0				08:08
			)=0 & MD>(		2				08:27
			)<0 & MD >	0	0		12,860		
2	-SEC COU	INT PERIODS	3			1,343	12,000		
	2-	SEC RECOR	DS WITH SO	K12		11,517			
	2-	SEC RECOR	DS WITHOU	T 20K 12	• BEDIODS)		2,629		
Г	TOTAL PRO	CESS RECO	RDS (2-s SO	K 15 and 20-	o)		7		
1	IONPROCI	ESSING RECO	ORDS (Test, c	anoration, ct	·)				
2		TDETECTOR	994	74.0%	5	DET	1	0.1%	
	_	DET	270	20.1%		DET	0	0.0%	
		DET	63	4.7%		DET	0	0.0%	
		DET	15	1.1%	8	DET	0	0.0%	
		TIME BETWI			25.9 s	ec			
		DISTRI							
		DISTRI	DOTTOIN	NUM	SPEC_A	FREO%	ACT_P	NUM	FREQ%
	ESORTS	ED EON	ACT_ND	(#)	(Bq/kg)	, noq	(kBq)	(#)	
	SORTS	FREQ% 1.0%	(Bq) -14000	4	-250	0.3%	4	66	4.9%
1	7		-12000	1	-215	0.1%	8	646	48.1%
2	24	3.5%	-10000	0	-179	0.0%	12	222	16.5%
3	94	13.7% 17.9%	-8000	0	-143	0.0%	16	103	7.7%
4	123	22.0%	-6000 -6000	0	-107	0.0%	20	53	3.9%
5 6	151 142	20.7%	-4000	2	-72	0.2%	24	37	2.8%
7	107	15.6%	-2000	4	-36	0.3%	28	30	2.2%
γ	39	5.7%	0	131	0	10.1%	32	24	1.8%
TOTAL	687	J	2000	18	36	1.4%	36	22	1.6%
TOTAL	007		4000	24	72	1.9%	40	17	1.3%
2-GAT	ESORTS		6000	47	107	3.6%	44	12	0.9% 0.7%
	SORTS	FREQ%	8000	69	143	5.3%	48	10	0.7%
9	18	2.7%	10000	105	179	8.1%	52	9	0.1%
10	52	7.9%	12000	112	215	8.7%	56	6 7	0.5%
11	107	16.3%	14000	150	250	11.6%	60	11	0.8%
12	138	21.0%	16000	184	286	14.2%	64	8	0.6%
13	159	24.2%	18000	215	322	16.6%	68	2	0.1%
14	110	16.8%	20000	182	358	14.1%	72		0.1%
15	72	11.0%	22000	45	394	3.5%	76	4	0.1%
TOTAL	656		24000	0	429	0.0%	80	I	0.1%
			26000	0	465	0.0%	84	2	
Í			>28000	0	0	0.0%	>84	51	3.8%
			TOTAL	1,293			TOTAL	1,343	
EVENT'	TS/DEC	HPE	1,347	MPE	55	DISE	10162		

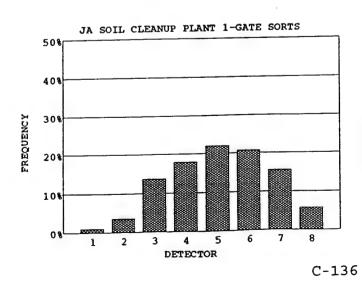
SORTER 1

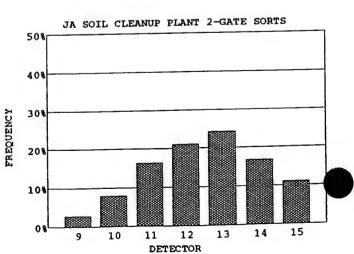
FREQUENCY



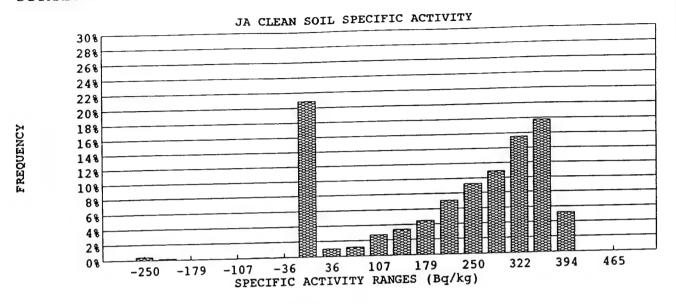


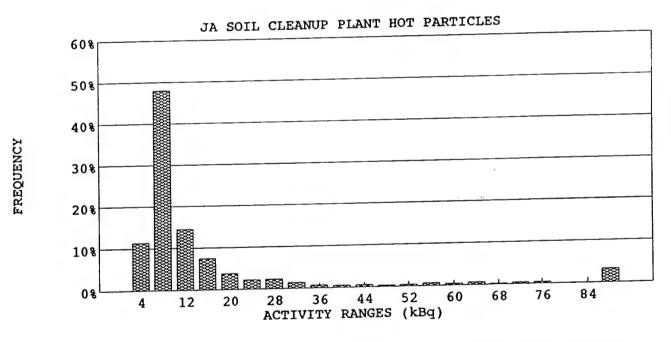


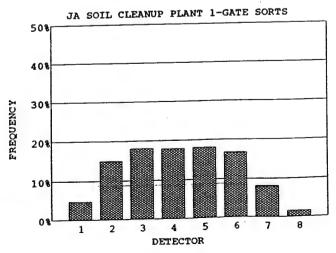


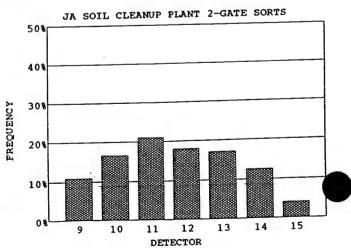


ORTE	R 2							Mar-94	4.07
OKIL		RTER SOIL D	ENSITY	1.20 tons	/m³	BAG	CKGROUND	0.85 ±	1.27 c/
OIL	301	KILK SOIL D	5,.011		CONTAM	NATED	CLEAN	TOTA	L
					16.0 to		53.8 tons	69.8 to	ons
	ASS TOTAL				58.1 k		55.9 kg		
	AXIMUM/				0.7 k	-	39.1 kg		
	INIMUM/S				12.7 y	-	42.7 yd3	55.3 y	d³
V	OLUMEIN	-GROUND COVERY (CI	FAN//HOT-	(JEAN))	•	77.1%			
		COVERTICE	2211/1101				DISPERSE	+ PARTICLE	
CTIV	11 Y				PART	CIE	НОТ	CLEAN	
					39,852 k		32,315 kBq	14,471	Вq
	OTAL				2,830 k	-	2,574 kBq	21 )	æg
	AXIMUM/				2 1	•	0 Bq	-3 )	ъg
	INIMUM/S						2,024 Bq/kg	269 I	3q/kg
	PECIFIC AC	CHVITY							
ORTS							1,248	UNEXP	PAUSE
20	SEC PRO	CESS PERIO	DS		- 0	260	1,240	TIME	TIME
	AL.	L 80 ELEMEN	TS SORT (M	ID>0&MNI	J=U)	260 425		07:29	06:52
	NC	NE (AD=0 &	MD=0 & M	ND>0)	ALAID	563		07:30	07:29
	SO	ME (AD>0&0	<md<mni< td=""><td>)max&amp;MND</td><td>(MNDmax)</td><td>203</td><td></td><td>08:05</td><td>07:30</td></md<mni<>	)max&MND	(MNDmax)	203		08:05	07:30
	UN	EXPLAINED	RECORDS					08:22	07:37
			AD<1kBq &		0 5			08:24	07:43
			=0 & MD>0		0				07:45
			<0 & MD >	U	U		12,480		08:05
2	-SEC COU	NT PERIODS		nac		1.868	,		08:22
	2-	SEC RECORI	DS WITH SO	K 12		10,612			08:24
	2-	SEC RECORI	DS WITHOU	1 30K 13	- PERIODS	- •	3,116		
T	OTAL PRO	CESS RECOI	RDS (2-8 SO	-Ubestion of	-\$1 ERIODS	,	8		
1	IONPROCE	SSING RECO	KD2 (Test c	andration, c	(C)				
2		T DETECTOR		74.7%		5 DET	5	0.3%	
		DET	1,395			6 DET	0	0.0%	
		DET	398	21.3% 3.1%		DET T	0	0.0%	
		DET	58	0.6%		8 DET	0	0.0%	
		DET	12 SENIA SECS		17.9				
	VERAGE	TIME BETWE	EN Z-SEC	C				<u> </u>	
FREQ	UENCY	DISTRI	BOLION	3	anno A	EDEO#	ACT_P	NUM	FREQ%
1-GATI	SORTS		ACT_ND	NUM	SPEC_A	FREQ%	(kBq)	(#)	
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	0.40	(KDQ) 4	211	11.3%
1	45	4.7%	-14000	5	-250	0.4%	8	897	48.0%
2	142	14.9%	-12000	2	-215		12	271	14.5%
3	172	18.1%	-10000	0	-179	0.0% 0.0%	16	139	7.4%
4	170	17.9%	-8000	0	-143	0.0%	20	71	3.8%
5	172	18.1%	-6000	0	-107 -72	0.0%	24	43	2.3%
6	159	16.7%	-4000	1	-72 -36	0.1%	28	44	2.4%
7	76	8.0%	-2000	1	-36 0	20.9%	32	27	1.4%
8 _	14	1.5%	0	262	36	1.0%	36	14	0.7%
TOTAL	950		2000	13	72	1.2%	40	11	0.6%
			4000	15	107	2.7%	44	10	0.5%
	ESORTS		6000	34	107	3.3%	48	6	0.3%
	SORTS	FREQ%	8000	42	143	4.5%	52	7	0.4%
9	100	10.9%	10000	56	215	7.1%	56	12	0.6%
10	152	16.6%	12000	89	250		60	8	0.4%
11	193	21.0%	14000	116	286		64	12	0.6%
12	165	18.0%	16000	137	322		68	5	0.3%
13	157	17.1%	18000	195			72	8	0.4%
14	115	12.5%	20000	223	358 394		76	8	0.4%
15	36	3.9%	22000	65	394 429		80	1	0.1%
TOTAL	918		24000	0			84	i	0.1%
			26000	0	465			62	3.3%
			>28000	0	0	0.0%	>84	1,868	2.270
			TOTAL	1,256			TOTAL	1,000	
		HPE	1,874	MPE	63	DISE	20906		



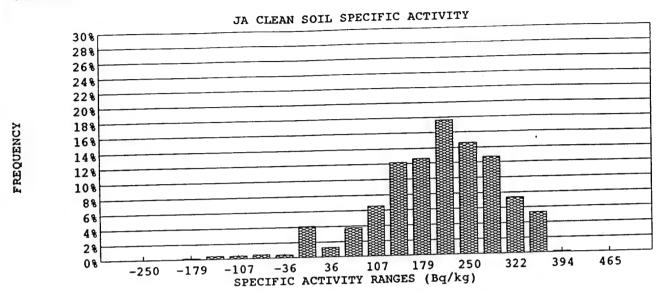


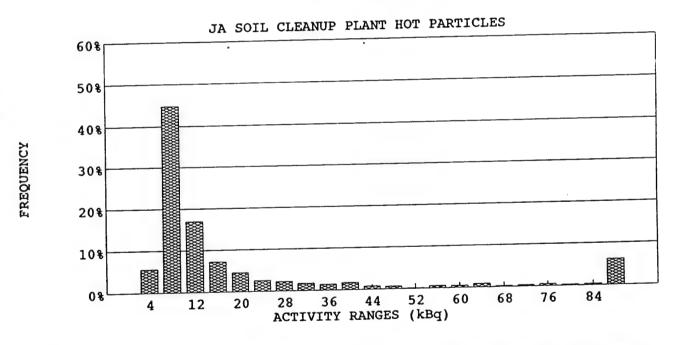


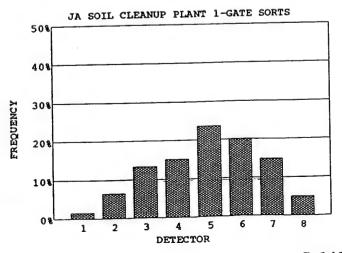


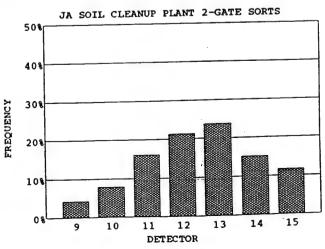
WORK DAY START	06:00 AM		WORK DAY EN		16:30 PM	
LUNCH START	11:00 AM	7	TME LOST DU	RING LUNCH	0.0 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL (sorter hours)
TOTAL TOTAL		10.5 hr	10.5 hr	10.5 hr	10.5 hr	42.0 hr
WORK HOURS SORTER AVAILABLE HOU	ID S	10.3 hr	8.3 hr	0.0 hr	0.0 hr	18.5 hr
	, KS	06:00	08:00	NA	NA	
SORTER START-UP		08:10	08:09	NA	NA	
START SOIL PROCESSING	T_IIP	2.2 hr	0.2 hr	0.0 hr	0.0 hr	2.3 hr
TIME REQUIRED TO STAF	(1-Or	16:15	16:15	NA	NA	
SORTER SHUT-DOWN		15:56	15:55	NA	NA	
END SOIL PROCESSING	T DOWN!	0.3 hr	0.3 hr	0.0 hr	0.0 hr	0.6 hr
TIME REQUIRED TO SHU		7.2 hr	7.3 hr	0.0 hr	0.0 hr	14.5 hr
ACTUAL PROCESS HOURS	S	7.2 til 3.1 hr	1.0 hr	0.0 hr	0.0 hr	4.1 hr
DOWN-TIME		0.6 hr	0.5 hr	0.0 hr	0.0 hr	1.1 hr
SYSTEM PAUSE	erra (E	0.0 hr	2.2 hr	10.0 hr	10.0 hr	22.5 hr
SORTER NONAVAILABLE		2.5 hr	2.5 hr	10.0 hr	10.0 hr	25.0 hr
AUTHORIZED DELAY TIM	иЕ	2.5 m	2.3			78.1%
PLANT PERFORMANCE						34.4%
PRODUCTIVTY						
PRODUCTIVITY						
		16-Mar-94	Exc	used Delays for	day (sorter-hrs)	25 hr
Date		153			contract (sorter-hrs)	2,431 hr
Contract day (from 6 Sep)		26		used delay days		61 days
Current Contract week					ths (plant-month)	2.34 month
Soil production for Day		145 MT				26.20
Cumlative Soil Production for	Week	287 MT		cent of contract		36.3%
Total Soil production for conf				ns Ahead or Bel		1,752 MT
Since 6 Se		34,755 MT	T Da	ys ahead or behi	ind schedule	6 days
Since 6 Au		36,346 MT	Γ			
SHEETE						

							16-M	1ar-94	
ORTER	1					BACI	GROUND	0.66 ±	0.02 c/s
	SOR	TER SOIL DE	NSITY	1.20 tons/m	CONTAMINA		CLEAN	TOTAL	٠
OIL						ILL	68.9 tons	72.2 to	ns
	SS TOTAL				3.3 tons		55.9 kg		
MA	XIMUM/S	ORT			58.1 kg 0.7 kg		44.0 kg		
	IIMUM/SC				0.7 kg 2.6 yd <sup>3</sup>		54.6 yd <sup>3</sup>	57.2 yo	<b>j</b> 3
***	TIME IN	GROUND			•	5.4%			
WE	IGHT REC	OVERY (CLE	AN/(HOT+	CLEAN))		3.470	DISPERSED	+ PARTICLE	
CTIVI						_	нот	CLEAN	
CIIVI					PARTICL	E	18,862 kBq	13,484 k	Bq
TOTAL			57,596 kBq		3,990 kBq	20 k			
	IAL XIMUM/S	ORT			6,808 kBq		(9,757)Bq	-12 kBq	
MA	NIMUM/S	ORI -			3 kBq		5,694 Bq/kg	196 B	iq/kg
MII	CIFIC AC	TIVITY					3,094 BY/KK		
	CIFICAC							UNEXP	PAUSE
ORTS		ance project	nc .				1,291	TIME	TIME
20-	-SEC PRO	CESS PERIOD . 80 ELEMEN	rs sort/M	D>0&MND	=0)	47		09:10	09:04
	ALI	80 ELEMEN	10-0 & M	D>0)	•	859		09:10	09:04
	ИО	NE (AD=0 & I ME (AD>0&0	AD=U&MI	mar&MND	<mndmax)< td=""><td>385</td><td></td><td>13:01</td><td>09:51</td></mndmax)<>	385		13:01	09:51
	SO	ME(AD>0&0	OECODDG CWD CWND	III CARLETTI I	0			14:55	U7.D1
	UN	EXPLAINED	MECORDS MD<1kBq & 1	MD>0	2			14:55	
		0< <i>F</i>	=0 & MD>0	MDZ	1				
		AD:	=0 & MD>0 <0 & MD >0	١-	1				
			CU & MD >	,			12,910		
2-	SEC COU	NT PERIODS	C WITH SOI	2TS		918			
	2-	SEC RECORD		T SORTS		11,992			
	2-	CESS RECORD	DS (2 - c SO)	TS and 20-	s PERIODS)		2,209		
TC	TAL PRO	CESS RECOR	DS (Z=s 30)	dibration, etc.	:)		5		
N	ONPROCE	SSING RECO	KD3 (1635 \	ujora	,			0.501	
2-		DETECTOR	s 655	71.4%	5 [	ET	5	0.5%	
1 DET		205	22.3%	6 I	ET	0	0.0%		
		ET	42	4.6%	7 I	DET	0	0.0%	
		ET	11	1.2%	8 I	DET	0	0.0%	
	41	DET IIME BETWE			39.4 see	:			
A`	VERAGE	DICTOIL	TITION	S					ED EO%
FREQU	JENCY	DISTRIE	OTION	NUM	SPEC_A F	REO%	ACT_P	NUM	FREQ%
1-GATE	SORTS		ACI_ND	MOIN	(Bq/kg)		(kBq)	(#)	c 70%
DET	SORTS	FREQ%	(Bq)	(#) 0	-250	0.0%	4	52	5.7%
1	7	1.5%	-14000	0	-215	0.0%	8	411	44.8% 16.9%
2	30	6.5%	-12000	2	-179	0.2%	12	155	16.9% 7.3%
_3	62	13.4%	-10000	5	-143	0.4%	16	67	4.6%
4	70	15.1%	-8000 -6000	5	-107	0.4%	20	42	2.5%
5	109	23.5%		6	-72	0.5%	24	23	2.3%
6	93	20.1%	-4000 -2000	5	-36	0.4%	28	21	1.7%
7	69	14.9%	-2000 0	53	0	4.1%	32	16	1.4%
8 _	23	5.0%	2000	16	36	1.2%	36	13	1.7%
TOTAL	463		4000	49	72	3.8%	40	16	0.8%
			6000	85	107	6.6%	44	7	0.7%
2-GATE			8000	158	143	12.2%	48	6	0.1%
	SORTS	FREQ%	10000	164	179	12.6%	52	1 5	0.5%
9	19	4.2%	12000	229	215	17.7%	56	5 4	0.4%
10	36	7.9%	14000	189	250	14.6%	60		0.9%
11	73	16.0%	16000	165	286	12.7%	64	8 2	0.2%
12	97	21.3%	18000	95	322	7.3%	68		0.3%
13	108	23.7%	20000	69	358	5.3%	72	3	0.4%
14	69	15.2%		2	394	0.2%	76	4	
. 15	53	11.6%	22000	0	429	0.0%	80	2	0.2%
TOTAL	455		24000		465	0.0%	84	3	0.3%
1			26000	0	0	0.0%	>84	57_	6.2%
			>28000 TOTAL	1,297	3	2.2.74	TOTAL	918	
			TYNTAI	. / 4 /			3783		



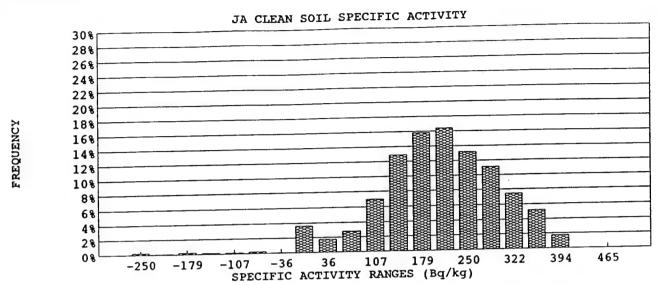


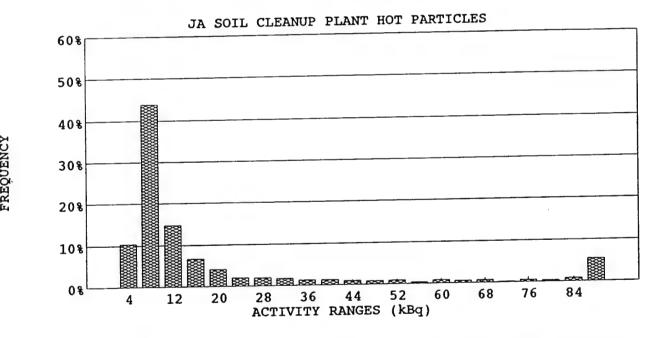


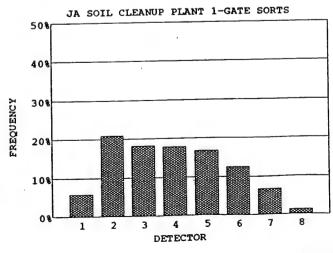


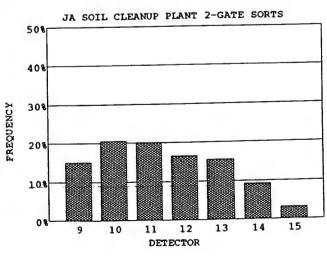
C-141

ORTE	R 2						-	Mar-94	
ORIE		RTER SOIL D	ENSITY	1.20 tons	/m³	BA	CKGROUND	0.77	
OIL	301	CIER COLE			CONTAMI	NATED	CLEAN	TOT	
	A CC TOTA				3.0 to	ons	70.2 tons	73.2	tons
	ASS TOTAL AXIMUM/S				58.1 k	g	55.9 kg		
	NIMUM/S				0.7 k	g	41.9 kg	£0 1	ud3
VOLUME IN-GROUND				2.4 y		55.7 yd <sup>3</sup>	58.1	yu	
W	FIGHTRE	COVERY (CI	EAN/(HOT-	+CLEAN))		95.9%			
CTIV							DISPERSE	+ PARTICLE	_
CIIV	LLL				PARTI	CLE .	HOT	CLEAN	
TY	TAL				64,737 k	Bq	20,914 kBq	13,754	
	AXIMUM/	SORT			7,737 k	_	4,599 kBq	21 kBq -15 kBq	
	NIMUM/S				2 k	Bq	(31,425)Bq		Bq/kg
	ECIFIC AC						6,987 Bq/kg	170	Dq/ Ay
ORTS								IINEY	P PAUSE
20	-SEC PRO	CESS PERIO	DS				1,310	TIME	
20	AL	L 80 ELEMEN	TS SORT (N	ID>0&MN	D=0)	37		09:50	
	NC	NE (AD=0&	MD=0 & M	ND>0)		772		11:12	
	so	ME (AD>0&	O <md<mni< td=""><td>Omax&amp;MNE</td><td>&gt;MNDmax)</td><td>500</td><td></td><td>14:23</td><td></td></md<mni<>	Omax&MNE	>MNDmax)	500		14:23	
	UN	EXPLAINED	RECORDS		1			15:02	
			AD<1kBq &		3				
			)=0 & MD>		0				
			)<0 & MD >	U	1		13,100		
2-	-SEC COU	NT PERIODS		n mc		1,282	20,200		
	2-	SEC RECOR	DS MLIH 20	K 13		11,818			
	2-	SEC RECOR	D2 W11HOO	DTS and 20.	-s PERIODS		2,592		
T	OTAL PRO	CESS RECO	NDDS (Test o	alibration e	ic)	′	4		
N	ONPROCE	SSING RECO	OKDO (1697)	anoranon, o	,				
2-		T DETECTOI	918	71.6%	:	DET	3	0.2%	
1 DET 2 DET		302	23.6%		DET	0	0.0%		
		ET	50	3.9%	•	DET	0	0.0%	
		ET	9	0.7%		DET	0	0.0%	
A	VERAGE'	TIME BETWI	EEN 2-SEC	SORTS	28.5	ec			
EDEOI	IENCY	DISTRI	BUTION	S					
1-GATE		Diorita	ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM	FREQ%
DET		FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)	10.4%
	37	5.7%	-14000	3	-250	0.2%	4	133	43.8%
1 2	135	21.0%	-12000	1	-215	0.1%	8	562	43.8% 14.7%
3	117	18.2%	-10000	3	-179	0.2%	12	189	6.7%
4		17.9%	-8000	2		0.2%	16	86 53	4.1%
5	108	16.8%	-6000	2	-107	0.2%	20	26	2.0%
6	81	12.6%	<b>-400</b> 0	3	-72	0.2%	24 28	25	2.0%
7	43	6.7%	-2000	I	-36	0.1%	28 32	22	1.7%
8 _	8_	1.2%	0	. 47	0	3.6% 1.8%	36	16	1.2%
TOTAL	644		2000	23	36 72	2.8%	40	16	1.2%
			4000	37	107	7.0%	44	12	0.9%
2-GATE			6000	92 160	143	12.9%	48	10	0.8%
_	SORTS	FREQ%	8000	169	179	15.8%	52	11	0.9%
9	96	15.0%	10000 12000	208 215	215	16.4%	56	4	0.3%
10	131	20.5%	14000	173	250	13.2%	60	10	0.8%
11	128	20.1%	16000	146	286	11.1%	64	7	0.5%
12	105	16.5%	18000	98	322	7.5%	68	8	0.6%
13	99 50	15.5% 9.2%	20000	68	358	5.2%	72	2	0.2%
14 15	59 20	3.1%	22000	23	394	1.8%	76	6	0.5%
_	638	3.170	24000	0	429	0.0%	80	4	0.3% 0.8%
TOTAL	<b>U</b> 30		26000	0	465	0.0%	84	10	
			>28000	0_	0	0.0%	>84	70_	5.5%
			TOTAL	1,314			TOTAL	1,282	
						DISE	3044		





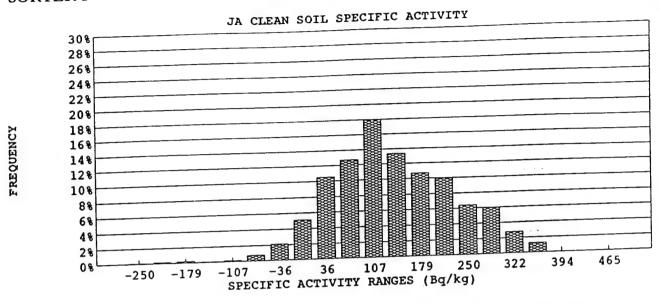


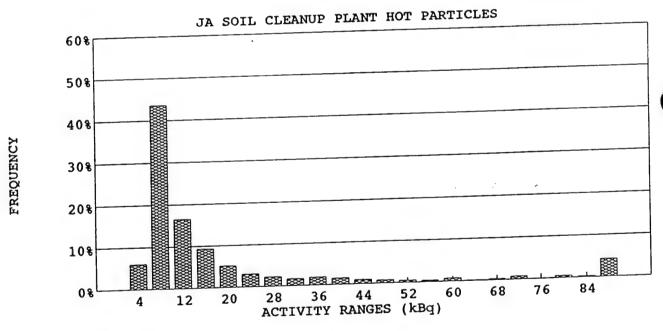


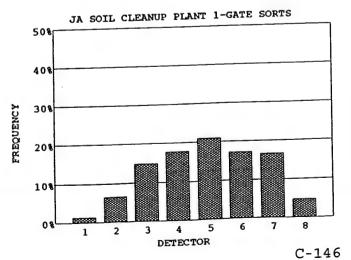
WORK HIS	TORY -	- TA SOU	CLEANUP	PLANT
WORK HIS	TIORY -	- JA SUII	CLEANOR	

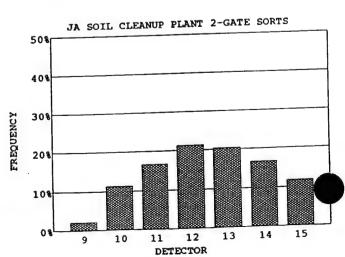
WORK DAY START LUNCH START	06:00 AM 11:00 AM		WORK DAY EN TIME LOST DU		16:30 PM 0.0 HR		
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL	ours)
		10.5 hr	10.5 hr	10.5 hr	10.5 hr	42.0 ł	nr
WORK HOURS	IDC	10.3 hr	10.3 hr	0.0 hr	0.0 hr	20.5 ł	hr
SORTER AVAILABLE HOL	JKS	06:00	06:00	NA	NA		
SORTER START-UP		06:15	06:15	NA	NA		
START SOIL PROCESSING		0.3 hr	0.3 hr	0.0 hr	0.0 hr	0.5 1	hr
TIME REQUIRED TO STA	K1-01	16:15	16:15	NA	NA		
SORTER SHUT-DOWN		15:52	15:53	NA	NA		
END SOIL PROCESSING	TT DOWN	0.4 hr	0.4 hr	0.0 hr	0.0 hr	0.7 1	
TIME REQUIRED TO SHU		9.6 hr	9.5 hr	0.0 hr	0.0 hr	19.1	
ACTUAL PROCESS HOUR	.3	0.6 hr	0.8 hr	0.0 hr	0.0 hr	1.4	
DOWN-TIME		0.0 hr	0.2 hr	0.0 hr	0.0 hr	0.2	
SYSTEM PAUSE	TIME	0.2 hr	0.2 hr	10.0 hr	10.0 hr	20.5	
SORTER NONAVAILABLE		0.0 hr	0.0 hr	10.0 hr	10.0 hr	20.0	hr
AUTHORIZED DELAY TI	ME	0.0				93.1%	
PLANT PERFORMANCE						45.4%	
PRODUCTIVTY							
PRODUCTIVITY							
		17-Mar-94	Exc	used Delays for	day (sorter-hrs)	20	hr
Date		17-Mai-94			ontract (sorter-hrs)	2,451	
Contract day (from 6 Sep)		26		used delay days			days
Current Contract week		20			hs (plant-month) 2		months
Soil production for Day		192 M				36.5%	
Cumlative Soil Production fo	r Week	479 M	r Per	cent of contract	completed	1,785	мт
Total Soil production for con				ns Ahead or Beh		•	days
Since 6 Se		34,947 M	T Day	ys ahead or behi	nd schedule	O	uays
Since 6 A	-	36,538 M	Т				
Total Soil production for pro		62,825 M	Т				

								Mar-94		
ORTE			DISTRICT TO	1.20 tons/	·m1	BA	T/-F CKGROUND		8 ± 0.02 c/	
	SOI	RTER SOIL D	ENSITY	1.20 tons/	CONTAMI		CLEAN	TO	TAL	
SOIL							95.6 tons	96.	.8 tons	
M	ASS TOTAL	Ĺ			1.2 to		55.9 kg			
	AXIMUM/S				55.9 kg		46.8 kg			
	INIMUM/S				0.7 kg 1.0 ye		75.8 yd <sup>3</sup>	76.	.7 yd³	
· <b>v</b>	OLUME IN	-GROUND	S.NWHOT.	CEANN	1.0 yc	98.7%	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
		COVERY (CI	EAN/(HOT-	(UEAN))		70.170	DISPEDSEL	) + PARTICLE		
ACTIV	TTY							CLEA	N	
					PARTI		HOT		3 kBq	
Т	OTAL				31,263 k	•	10,673 kBq		20 kBq	
М	AXIMUM/	SORT			5,688 k		3,062 kBq		-14 kBq	
	INIMUM/S				3 k	Bq	0 Bq		21 Bq/kg	
SI	PECIFIC AC	TIVITY					8,553 Bq/kg		2 24.8	
SORTS									UD DATICE	
21	, _ SEC PR (	CESS PERIO	DS				1,732		XP PAUSE	
20	AT	L 80 ELEMEN	TS SORT (M	ID>0&MNI	0=0)	10		TIM		
	NO	NE(AD=0&	MD=0 & MI	ND>0)		1,344		11:	34 None	
	140	ME (AD > 0 & 0	O <md<mni< td=""><td>max&amp;MND</td><td><mndmax)< td=""><td>378</td><td></td><td></td><td></td></mndmax)<></td></md<mni<>	max&MND	<mndmax)< td=""><td>378</td><td></td><td></td><td></td></mndmax)<>	378				
	IIN	EXPLAINED	RECORDS		0					
	51	0<	AD<1kBq &	MD>0	1					
			)=0 & MD>0		0					
		ΑĪ	)<0 & MD >	0	0		0			
2	-SEC COU	NTPERIODS			•		17,320			
_	2-	SEC RECOR	DS WITH SO	RTS		877				
	2-	SEC RECOR	DS WITHOU	TSORTS		16,443				
T	TAL PRO	CESS RECO	RDS (2-s SO	RTS and 20-	-s PERIODS)	)	2,609			
1	ONPROCE	SSING RECO	ORDS (Test, c	alibration, et	c)		6			
2	-SEC SOR	T DETECTOR	RS				2	0.3%		
		ET	619	70.6%		DET	3	0.0%		
	2 I	DET	202	23.0%		DET	0	0.0%		
	3 I	DET	45	5.1%		DET	0	0.0%		
		DET	8	0.9%		DET	0	0.070		
F	AVERAGE'	TIME BETWI	EEN 2-SEC	SORTS	56.0 s	sec				
FREO	UENCY	DISTRI	BUTION	S					FREQ%	
1-GATI			ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM	FREQ76	
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)	6.0%	
1	6	1.4%	-14000	1	-250	0.1%	4	53		
2	29	6.5%	-12000	2	-215	0.1%	8	383	43.7%	
3	66	14.9%	-10000	3	-179	0.2%	12	145	16.5%	
4	79	17.8%	-8000	1	-143	0.1%	16	82	9.4% 5.1%	
5	93	20.9%	-6000	2	-107	0.1%	20	45		
6	76	17.1%	-4000	13	-72	0.7%	24	27	3.1% 2.3%	
7	74	16.7%	-2000	37	-36	2.1%	28	20	1.6%	
8	21	4.7%	0	89	0	5.1%	32	14	1.8%	
TOTAL	444		2000	183	36	10.5%	36	16	1.5%	
			4000	221	72	12.7%	40	13 8	0.9%	
2-GAT	ESORTS		6000	312	107	18.0%	44	8 6	0.7%	
_	SORTS	FREQ%	8000	232	143	13.3%	48	4	0.7%	
9	9	2.1%	10000	186	179	10.7%	52	3	0.3%	
10	49	11.3%	12000	172	215	9.9%	56 60	6	0.7%	
11	72	16.6%	14000	111	250	6.4%	60	1	0.1%	
12	92	21.2%	16000	104	286	6.0%	64	2	0.2%	
13	88	20.3%	18000	48	322	2.8%	68	6	0.7%	
14	72	16.6%	20000	21	358	1.2%	72		0.7%	
15	51	11.8%	22000	0	394	0.0%	76	0		
TOTAL	433		24000	0	429	0.0%	80	4	0.5%	
TOTAL	. 733		26000	0	465	0.0%	84	2	0.2%	
4			>28000	0	0	0.0%	>84	37	4.2%	
			TOTAL	1,738			TOTAL 871	877		

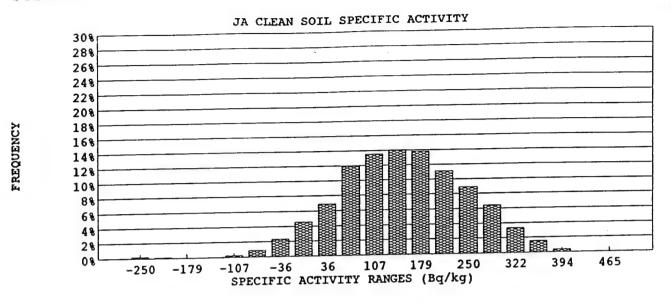


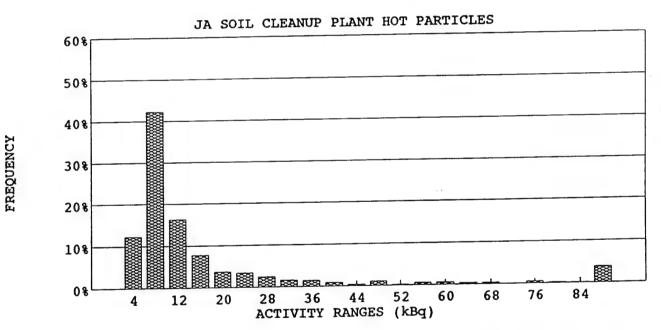


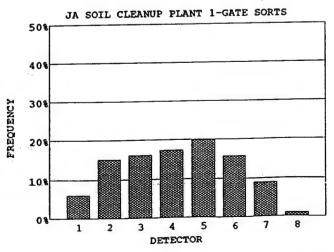


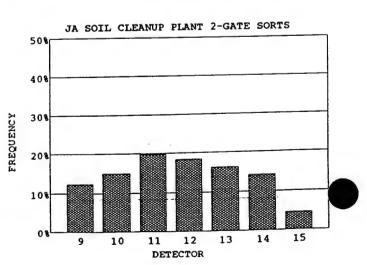


ORTE	ER 2							1ar-94	T 003 -
		RTER SOIL D	ENSITY	1.20 tons	/m³	BA	CKGROUND	0.79	
OIL					CONTAMI	NATED	CLEAN	TOT	
	A CC TYYTA				1.1 to	ons	94.2 tons	95.3	tons
	ASS TOTA		•		55.9 k	g	55.9 kg	•	
	AXIMUM/S				0.7 k	-	46.8 kg		
		-GROUND			0.9 y	d³	74.6 yd <sup>3</sup>	75.5	yd³
V .	CLUMEIN	COVERY (CI	FAN/HOT	+CLEAN))	•	98.9%			
		COVERT	2211/(1101				DISPERSED	+ PARTICLE	
CTIV	11 Y				PARTI	CI E	нот	CLEAN	
					23,096 k		7,590 kBq	12,654	kBq
	OTAL					_	974 kBq	-	kBq
M	AXIMUM/	SORT			1,814 k	_	(364)Bq	-18	kBq
	INIMUM/S				3 k	ьq	6,986 Bq/kg		Bq/kg
SI	PECIFIC A	CHVITY					0,900 Dq/kg		
ORTS	3						. =0.4	LINEYI	PAUSE
	-SEC PRO	CESS PERIC	DDS				1,704	TIME	TIME
	AL	L 80 ELEME	NTS SORT (N	1D>0&MNI	)=0)	6		06:32	
	NC	NE(AD=0&	MD=0 & M	ND>0)		1,262		08:10	
	so	ME(AD>0&	0 <md<mni< td=""><td>Dmax&amp;MND</td><td><mndmax)< td=""><td>435</td><td></td><td>08:10</td><td></td></mndmax)<></td></md<mni<>	Dmax&MND	<mndmax)< td=""><td>435</td><td></td><td>08:10</td><td></td></mndmax)<>	435		08:10	
	UN	EXPLAINED	RECORDS		1				
	31		AD<1kBq &	MD>0	6			09:55	
			)=0 & MD>		0			11:31	
			)<0 & MD >		1			12:13	
2	-SEC COU	NT PERIODS					17,040	13:17	
2	2-	SEC RECOR	DS WITH SO	RTS		993			
	2-	SEC RECOR	DS WITHOU	TSORTS		16,047			
т	YOTAL PRO	CESS RECO	RDS (2-s SO	RTS and 20-	-s PERIODS	)	2,697		
1	OTALTAC	ESSING RECO	OR DS (Test. c	alibration, et	c)		6		
7	CCC COD	T DETECTO	RS		,				
2		ET	723	72.8%	:	DET	2	0.2%	
			223	22.5%	(	DET	O	0.0%	
	_	DET	37	3.7%		DET	0	0.0%	
		DET	8	0.8%		BDET	0	0.0%	
		DET TIME BETWI	-		47.1	sec			
7D FO	VERAGE	DICTLI	DIFTION	C					
		DISTRI	BUTION	VIII.4	SPEC_A	EDEO%	ACT_P	NUM	FREQ9
	ESORTS		ACT_ND	NUM		PKEQ#	(kBq)	(#)	
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	0.2%	4	122	12.3%
1	30	6.0%	-14000	3	-250 -215	0.2%	8	419	42.2%
2	75	15.1%	-12000	2		0.1%	12	162	16.3%
3	80	16.1%	-10000	0	-179	0.0%	16	77	7.8%
4	86	17.3%	-8000	0	-143	0.0%	20	37	3.7%
5	99	19.9%	-6000	4	-107		24	34	3.4%
6	78	15.7%	-4000	15	-72 26	0.9%	28	24	2.4%
7	44	8.9%	-2000	40	-36	2.3%	28 32	16	1.6%
8	5	1.0%	0	. 78	0	4.6%		14	1.4%
OTAL	497		2000	118	36	6.9%	36	9	0.9%
			4000	203	72	11.9%	40	3	0.3%
			6000	231	107	13.5%	44		1.0%
2-GATI	E SORTS			240	143	14.0%	48	10	
		FREQ%	8000					2	በ ንማ.
DET	ESORTS SORTS 61	FREQ% 12.3%	8000 10000	236	179	13.8%	52	2	
DET 9	SORTS 61	_		236 189	179 215	13.8% 11.1%	52 56	6	0.6%
DET 9 10	SORTS 61 74	12.3% 14.9%	10000	236	179 215 250	13.8% 11.1% 8.9%	52 56 60	6 6	0.6% 0.6%
DET 9 10 11	SORTS 61 74 98	12.3% 14.9% 19.8%	10000 12000	236 189	179 215	13.8% 11.1% 8.9% 6.4%	52 56 60 64	6 6 3	0.6% 0.6% 0.3%
DET 9 10 11 12	SORTS 61 74 98 91	12.3% 14.9% 19.8% 18.3%	10000 12000 14000 16000	236 189 152	179 215 250	13.8% 11.1% 8.9%	52 56 60 64 68	6 6 3 3	0.6% 0.6% 0.3% 0.3%
DET 9 10 11 12 13	SORTS 61 74 98 91 80	12.3% 14.9% 19.8% 18.3% 16.1%	10000 12000 14000 16000 18000	236 189 152 110 57	179 215 250 286	13.8% 11.1% 8.9% 6.4%	52 56 60 64	6 6 3 3	0.6% 0.6% 0.3% 0.3% 0.0%
DET 9 10 11 12 13 14	SORTS 61 74 98 91 80 70	12.3% 14.9% 19.8% 18.3% 16.1% 14.1%	10000 12000 14000 16000 18000 20000	236 189 152 110 57 26	179 215 250 286 322	13.8% 11.1% 8.9% 6.4% 3.3%	52 56 60 64 68	6 6 3 3 0 5	0.6% 0.6% 0.3% 0.3% 0.0% 0.5%
DET 9 10 11 12 13 14	SORTS 61 74 98 91 80 70 22	12.3% 14.9% 19.8% 18.3% 16.1%	10000 12000 14000 16000 18000 20000 22000	236 189 152 110 57 26 6	179 215 250 286 322 358	13.8% 11.1% 8.9% 6.4% 3.3% 1.5% 0.4%	52 56 60 64 68 72	6 6 3 3	0.6% 0.6% 0.3% 0.3% 0.0% 0.5% 0.2%
DET 9 10 11 12 13 14 15	SORTS 61 74 98 91 80 70	12.3% 14.9% 19.8% 18.3% 16.1% 14.1%	10000 12000 14000 16000 18000 20000 22000 24000	236 189 152 110 57 26 6	179 215 250 286 322 358 394 429	13.8% 11.1% 8.9% 6.4% 3.3% 1.5% 0.4%	52 56 60 64 68 72 76	6 6 3 3 0 5	0.6% 0.6% 0.3% 0.3% 0.0% 0.5% 0.2%
9 10 11 12 13 14	SORTS 61 74 98 91 80 70 22	12.3% 14.9% 19.8% 18.3% 16.1% 14.1%	10000 12000 14000 16000 18000 20000 22000 24000 26000	236 189 152 110 57 26 6 0	179 215 250 286 322 358 394 429 465	13.8% 11.1% 8.9% 6.4% 3.3% 1.5% 0.4% 0.0%	52 56 60 64 68 72 76 80	6 6 3 3 0 5 2	0.2% 0.6% 0.6% 0.3% 0.0% 0.5% 0.2% 0.1% 3.8%
DET 9 10 11 12 13 14	SORTS 61 74 98 91 80 70 22	12.3% 14.9% 19.8% 18.3% 16.1% 14.1%	10000 12000 14000 16000 18000 20000 22000 24000	236 189 152 110 57 26 6	179 215 250 286 322 358 394 429	13.8% 11.1% 8.9% 6.4% 3.3% 1.5% 0.4%	52 56 60 64 68 72 76	6 6 3 3 0 5 2	0.6% 0.6% 0.3% 0.3% 0.0% 0.5% 0.2% 0.1%

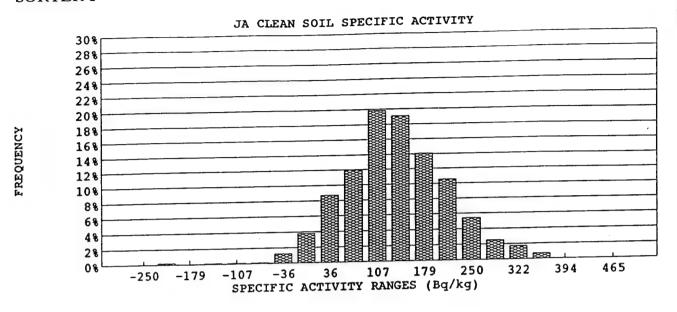


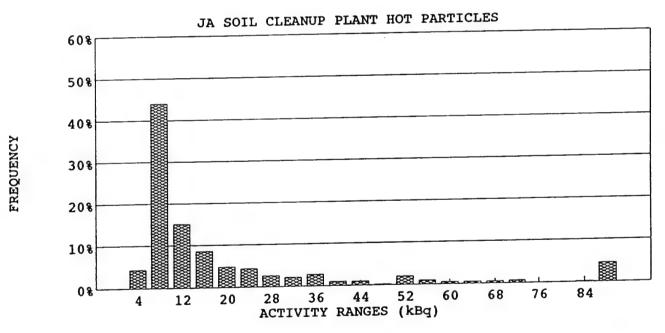


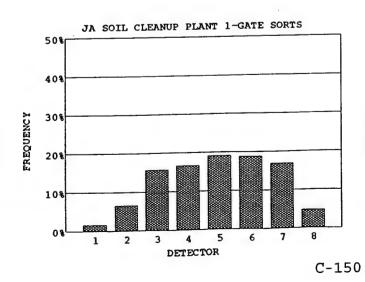


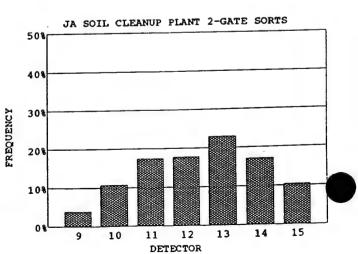


IASS TOTA IAXIMUM/	SORT SORT N-GROUND		1.20 ton	CONTAM 0.8 t 58.1 l	INATED tons kg	ACKGROUN CLEAI 64.0 to 55.9 k	n ons g	0.68 ± TOTA 64.7 to	L
IASS TOTA IAXIMUMA IINIMUMA OLUME IN	AL /SORT SORT N-GROUND		1.20 1011	CONTAM 0.8 t 58.1 l	INATED tons kg	CLEA! 64.0 to 55.9 k	n ons g		
IAXIMUMA IINIMUMA OLUME IN VEIGHT RI	SORT SORT N-GROUND			0.8 t 58.1 k	tons kg	55.9 k	g	64.7 to	ons
IAXIMUMA IINIMUMA OLUME IN VEIGHT RI	SORT SORT N-GROUND			58.1	kg	55.9 k	g		
IINIMUM/S OLUME IN VEIGHT RE	SORT N-GROUND				-		•		
OLUME IN	N-GROUND				KØ	47.5 k	g		
EIGHTRE	COVERY (C			0.6	-	50.7 y	d³	51.3 y	d³
		TEAN//HOT	+CLEAN))	-	98.8%				
111	201 EKT (C		,			DISPI	ERSED + PARTI	CLE	
				PART	ICI E	НОТ		CLEAN	
						5,453 k		7,716 k	Ba
OTAL				16,743 l 1,471 l	_	849 k	•	19 k	•
(AXIMUM				•	къц kВq	0 B	*	-4 k	•
				3 ,	хDq		-	121 E	-
	CHVITY					1,230 2			
3						1 160	1	INEXP	PALISE
0-SEC PR	OCESS PERIO	ODS				1,158			TIME
				(D=0)					10:22
NO	ONE (AD=0 &	& MD=0 & M	ND>0)				1	HOUS	10:22
					272				10.30
Uì				0					
				_					
•				_					
			•0	0		11 <90			
					(20	11,500			
2-	SEC RECOR	DS WITHOU	JI SOR IS	- PEDIODS		1 787			
OTALPRO	CESS RECO	RDS (2-s SC	)R 15 and 20	-s PERIODS	·)	•			
			calibration, e	ic)		0			
			72.00/		< DET	0	0.0%		
						_			
							0.0%		
		_							
	DISTRI			CDEC 4	ED EOW	ACT D	NIIM		FREQ%
		_			FREQ%	_			
	_	,			0.00%				4.3%
5						•			44.0%
21						_			15.1%
									8.6%
									4.8%
									4.3%
									2.5%
									2.1%
	4.7%								2.7%
319									1.0%
									1.0%
	PP PC ~								0.2%
									1.9%
				215	10.6%	56	6		1.0%
33	10.6%	12000	123 63	250	5.4%	60	3		0.5%
54	17.4%	14000	29	286	2.5%	64	3		0.5%
	17.7%	16000 18000	29	322	1.7%	68	3		0.5%
55	22.22	I (MAR)	20		0.7%	72	4		0.6%
55 71	22.9%			760					
55 71 53	17.1%	20000	8	358			n		
55 71 53 32		20000 22000	0	394	0.0%	76	0		0.0%
55 71 53	17.1%	20000 22000 24000	0 0	394 429	0.0% 0.0%	76 80	0		0.0% 0.0%
55 71 53 32	17.1%	20000 22000 24000 26000	0 0 0	394 429 465	0.0% 0.0% 0.0%	76 80 84	0 1		0.0% 0.0% 0.2%
55 71 53 32	17.1%	20000 22000 24000	0 0	394 429	0.0% 0.0% 0.0%	76 80	0	-	0.0% 0.0%
	PECIFICA  D-SEC PRO AL NO SO UN  -SEC COU  2- OTAL PRO ONPROCE -SEC SOR 1 I 2 I 3 I 4 I VERAGE UENCY SORTS SORTS 5	O-SEC PROCESS PERIONAL ROPE ALL 80 ELEMENONE (AD=0.4 SOME (AD>0.4 UNEXPLAINED OF ADDRESS RECORD ADDRESS	PECIFIC ACTIVITY  O-SEC PROCESS PERIODS  ALL 80 ELEMENTS SORT (II  NONE (AD=0 & MD=0 & M  SOME (AD>0&0 < MD < MN  UNEXPLAINED RECORDS  0 < AD < 1kBq &  AD=0 & MD >  AD < 0 & MD >  -SEC COUNT PERIODS  2 - SEC RECORDS WITH SO  2 - SEC RECORDS WITHOUT  OTAL PROCESS RECORDS (2-s SO  ONPROCESSING RECORDS (Test, or second)  - SEC SORT DETECTORS  1 DET	PECIFIC ACTIVITY  O-SEC PROCESS PERIODS  ALL 80 ELEMENTS SORT (MD>0&MN  NONE (AD=0 & MD=0 & MND>0)  SOME (AD>0&0 <md<mndmax&mni &="" 0<ad<1kbq="" md="" records="" unexplained="">0  AD=0 &amp; MD&gt;0  AD=0 &amp; MD&gt;0  -SEC COUNT PERIODS  2-SEC RECORDS WITH SORTS  2-SEC RECORDS WITHOUT SORTS  OTAL PROCESS RECORDS (2-s SORTS and 20  ONPROCESSING RECORDS (Test, calibration, e-sec SORT DETECTORS  1 DET</md<mndmax&mni>	PECIFIC ACTIVITY  D-SEC PROCESS PERIODS  ALL 80 ELEMENTS SORT (MD>0&MND=0)  NONE (AD=0 & MD=0 & MND>0)  SOME (AD>0&OMD <mndmax&mnd<mndmax) &="" 0<ad<1kbq="" md="" records="" unexplained="">0  AD=0 &amp; MD&gt;0  AD=0 &amp; MD&gt;0  0<ad<1kbq &="" md="">0  0  AD&lt;0 &amp; MD&gt;0  0  -SEC COUNT PERIODS  2-SEC RECORDS WITH SORTS  2-SEC RECORDS WITHOUT SORTS  ONPROCESSING RECORDS (2-s SORTS and 20-s PERIODS)  ONPROCESSING RECORDS (Test, calibration, etc)  -SEC SORT DETECTORS  1 DET  464  73.8%  2 DET  139  22.1%  3 DET  23  3.7%  4 DET  3 0.5%  VERAGE TIME BETWEEN 2-SEC SORTS  SORTS  ACT_ND  NUM  SPEC_A  SORTS  FREQ%  (Bq)  (#)  (Bq/kg)  5 1.6%  -14000  0 -250  21  6.6%  -12000  2 -215  50  15.7%  -10000  0 -179  53  16.6%  -8000  1 -143  61  19.1%  -6000  1 -107  60  18.8%  -4000  1 -107  61  60  18.8%  -4000  1 -107  61  61  19.1%  -6000  1 -107  63  15  4.7%  0 44  0  72  SORTS  FREQ%  8000  222  143  107  SORTS  FREQ%  8000  222  143  107  SORTS  FREQ%  8000  222  143  107  SORTS  FREQ%  8000  222  143  107</ad<1kbq></mndmax&mnd<mndmax)>	PECIFIC ACTIVITY	D-SEC PROCESS PERIODS  ALL 80 ELEMENTS SORT (MD>0&MND=0) 5  NONE (AD=0 & MD=0 & MND>0) 881  SOME (AD=0 & MND=0 & MND=0) 0  SOME (AD=0 & MND=0 & MND=0) 272  UNEXPLAINED RECORDS 0  0 <ad<1kbq &="" md="">0 0  AD=0 &amp; MD&gt;0 0  AD=0 &amp; MD&gt;0 0  AD=0 &amp; MD&gt;0 0  -SEC COUNT PERIODS 11,580  2-SEC RECORDS WITH SORTS 629  2-SEC RECORDS WITHOUT SORTS 10,951  OTAL PROCESS RECORDS (2=s SORTS and 20=s PERIODS) 1,787  ONPROCESSING RECORDS (2=s SORTS and 20=s PERIODS) 6  -SEC SORT DETECTORS  1 DET 464 73.8% 5 DET 0  2 DET 139 22.1% 6 DET 0  3 DET 23 3.7% 7 DET 0  4 DET 3 0.5% 8 DET 0  4 DET 3 0.5% 8 DET 0  VERAGE TIME BETWEEN 2=SEC SORTS 49.9 sec  UENCY DISTRIBUTIONS  SORTS FREQ% (Bq) (#) (Bq/kg) (kBq)  5 1.6% -14000 0 -250 0.0% 4  21 6.6% -12000 2 -215 0.2% 8  50 15.7% -10000 0 -179 0.0% 12  53 16.6% -8000 1 -143 0.1% 16  61 19.1% -6000 1 -107 0.1% 20  60 18.8% -4000 1 -143 0.1% 16  61 19.1% -6000 1 -179 0.0% 12  53 16.6% -8000 1 -143 0.1% 16  61 19.1% -6000 1 -179 0.0% 12  53 16.6% -8000 1 -143 0.1% 16  61 19.1% -6000 1 -179 0.0% 12  54 16.9% -2000 14 -36 1.2% 28  15 4.7% 0 44 0 3.8% 32  319 2000 101 36 8.7% 36  SORTS FREQ% 8000 222 143 19.1% 48  SORTS FREQ% 8000 222 143 19.1% 48</ad<1kbq>	PECIFIC ACTIVITY  7,230 Bg/kg  PECIFIC ACTIVITY  7,230 Bg/kg  1,158  1,158  ALL 80 ELEMENTS SORT (MD>0&MND=0) 5  NONE (AD=0 & MD=0 & MND>0) 881  SOME (AD>0&OMD <mndmax&mnd< br=""> VINEXPLAINED RECORDS 0  AD=0 &amp; MD&gt;0 11,580  2-SEC RECORDS WITH SORTS 629  2-SEC RECORDS WITHOUT SORTS 10,951  OTAL PROCESS RECORDS (2-s SORTS and 20-s PERIODS) 1,787  ONPROCESSING RECORDS (Test, calibration, etc) 6  -SEC SORT DETECTORS  1 DET 464 73.8% 5 DET 0 0.0%  2 DET 139 22.1% 6 DET 0 0.0%  3 DET 23 3.7% 7 DET 0 0.0%  3 DET 23 3.7% 7 DET 0 0.0%  4 DET 3 0.5% 8 DET 0 0.0%  VERAGE TIME BETWEEN 2-SEC SORTS 49.9 sec  UENCY DISTRIBUTIONS  SORTS ACT_ND NUM SPEC_A FREO% ACT_P NUM  SORTS FREO% (Bq) (#) (Bq/kg) (kBq) (#)  5 1.6% -14000 0 -250 0.0% 4 27  21 6.6% -12000 2 -215 0.2% 8 277  50 15.7% -10000 0 -179 0.0% 12 95  53 16.6% -8000 1 -143 0.1% 16  54 16.9% -2000 14 -36 1.2% 28 16  61 19.1% -6000 1 -72 0.1% 24 27  54 16.9% -2000 14 -36 1.2% 28 16  61 19.1% -6000 1 -72 0.1% 24 27  54 16.9% -2000 14 -36 1.2% 28 16  61 15 4.7% 0 44 0 3.8% 32 13  319 2000 101 36 8.7% 36 17  4000 140 72 12.0% 40 6  SORTS FREO% 8000 222 143 19.1% 48 1  12 3.9% 10000 164 179 14.1% 52 12.</mndmax&mnd<>	PECIFIC ACTIVITY





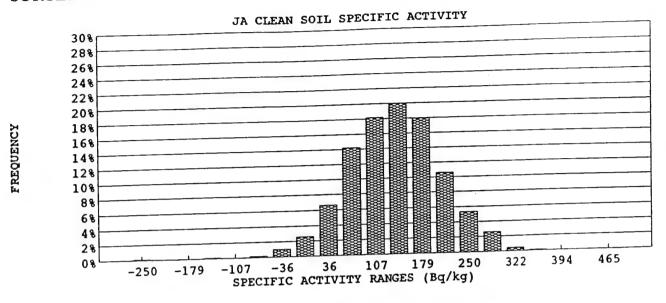


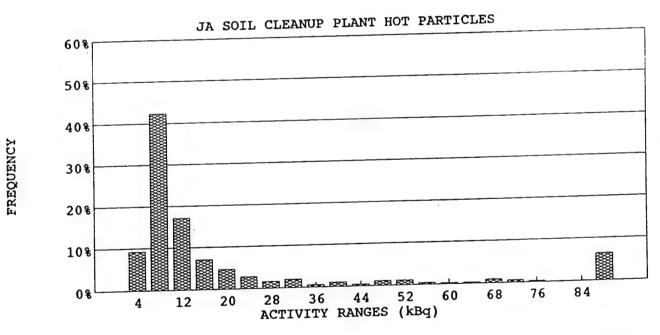


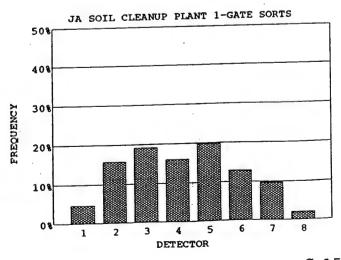
ORTER 2							1ar-94	0.01 -/
OKILK 2	SORTER SOIL	DENSITY	1.20 tons/i	m³	BAC	KGROUND	0.79 ±	
OH	SORTERBOIL	DENGLI		CONTAMIN	IATED	CLEAN	TOTA	
OIL				0.6 to		64.1 tons	64.7 u	ons
MASS				58.1 kg		55.9 kg		
	MUM/SORT			0.7 kg		51.0 kg		
MINIM	UM/SORT ME IN-GROUND			0.4 yd	3	50.8 yd <sup>3</sup>	51.3 y	d,
VOLUM	HT RECOVERY (	, CLEAN//HOT-	(LEAN))		99.1%			
		CLERIV(IIOI				DISPERSED	+ PARTICLE	,
ACTIVITY				PARTIC	1E	нот	CLEAN	
				18,270 kF		5,774 kBq	7,782 1	cВq
TOTAL				692 kF	-	464 kBq	18 )	cВq
	MUM/SORT			2 kF	•	0 Bq	-4 )	cВq
	UM/SORT			2	~1	10,196 Bq/kg	121 I	3q/kg
	FIC ACTIVITY							
SORTS						1,157	UNEXP	<b>PAUSE</b>
20-SE	C PROCESS PERI	ODS			1	1,15,	TIME	TIME
	ALL 80 ELEMI	ENTS SORT (M	ID>0&MNL	)=0)	854		13:13	10:22
	NONE (AD=0	& MD=0 & M	ND>0)	ch(MDmor)	302		13:22	
	SOME (AD>0	&0 <md<mni< td=""><td>)max&amp;MND</td><td><mndmax)< td=""><td>302</td><td></td><td>14:13</td><td></td></mndmax)<></td></md<mni<>	)max&MND	<mndmax)< td=""><td>302</td><td></td><td>14:13</td><td></td></mndmax)<>	302		14:13	
	UNEXPLAINE	DRECORDS	MD: A	4			14:22	
		<ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td></ad<1kbq>		0				
		AD=0 & MD>0		0				
	-	4D<0 & MD >	U	v		11,570		
2-SEC	COUNT PERIO	DS	n TC		705			
	2-SEC RECO	KDS MITH SO	K 13 TCODTS		10,865			
	2-SEC RECO	RDS WITHOU	DTS and 20-	-c PERIODS)		1,862		
TOTA	L PROCESS REC	ORDS (Z=8 30	alibration et	c)		4		
NONP	ROCESSING REC	OKDS (1635)	and ation, or	٠,				
2-SE	C SORT DETECT	512	72.6%	5	DET	0	0.0%	
	1 DET	152	21.6%	6	DET	0	0.0%	
	2 DET	33	4.7%	7	DET	0	0.0%	
	3 DET	8	1.1%	8	DET	0	0.0%	
47700	4 DET RAGE TIME BETV			45.2 s	ес			
AVE	NOV DICTO	IRITTION	2					
	NCY DISTR	IDUTION	NUM	SPEC_A	FREO%	ACT_P	NUM	FREQ%
1-GATE SOI		ACT_ND	NUM	(Bq/kg)	, neg	(kBq)	(#)	
DET SOR		(Bq)	(#)	-250	0.1%	4	65	9.2%
1	16 4.6%	-14000	1 0	-215	0.0%	8	298	42.3%
2	55 15.8%	-12000	0	-179	0.0%	12	120	17.0%
3	67 19.2%	-10000 -8000	1	-143	0.1%	16	50	7.1%
4	56 16.0%	-8000 -6000	0	-107	0.0%	20	33	4.7%
5	69 19.8%	- <b>6000</b> - <b>4000</b>	2	-72	0.2%	24	20	2.8%
6	45 12.9%	-4000	12	-36	1.0%	28	11	1.6%
7	34 9.7%	-2000	30	0	2.6%	32	14	2.0%
8	7 2.0%	2000	77	36	6.6%	36	4	0.6%
TOTAL	349	4000	165	72	14.2%	40	7	1.0%
	n.TC	6000	211	107	18.2%	44	3	0.4%
2-GATE SO		8000	232	143	20.0%	48	8	1.1%
DET SOI		10000	209	179	18.0%	52	8	1.1%
9		12000	123	215	10.6%	56	3	0.4% 0.3%
10			62	250	5.3%	60	2	0.3%
11			30	286	2.6%	64	2	
12			5	322	0.4%	68	6	0.9%
13			1	358	0.1%	72	4	0.6%
14			0	394	0.0%	76	2	0.3%
15		24000	0	429	0.0%	80	0	0.0% 0.0%
TOTAL	356	26000	0	465	0.0%	84	0	
1		>28000	0	0	0.0%	>84	45	6.4%
<b>!!</b>		TOTAL	1,161			TOTAL	705	
46								

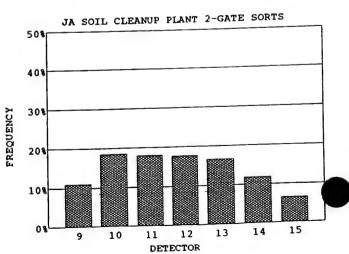
SORTER 2

18-Mar-94









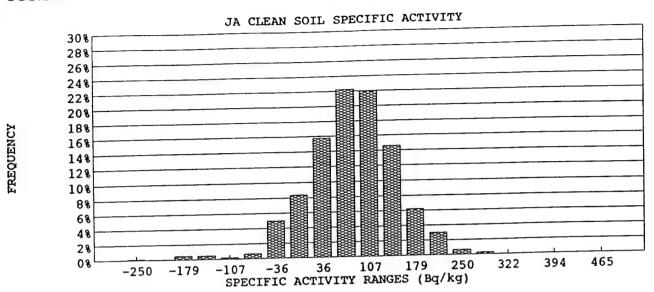
C-152

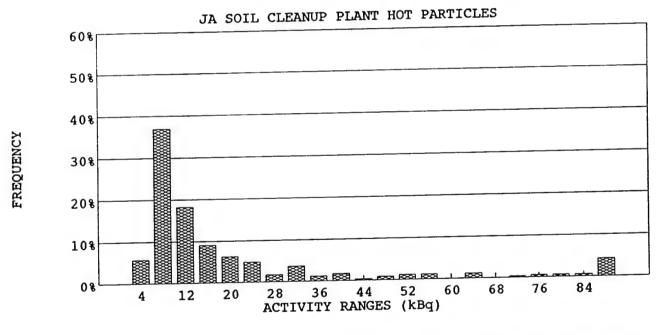
WORK HISTORY - JA SOIL CLEANUP PLANT

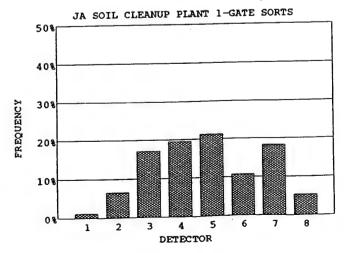
19-Mar-94

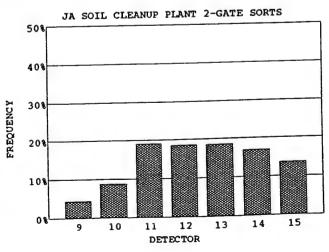
	•	011111111111111111111111111111111111111				
WORK DAY START	05:00 A	M	WORK DAY EN		15:30 PM	
LUNCH START	11:30 A		TIME LOST DU	IRING LUNCH	0.5 HR	
DONOLONA		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL (sorter hours)
		10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
WORK HOURS	LIDC	6.5 hr	6.5 hr	0.0 hr	0.0 hr	13.0 hr
SORTER AVAILABLE HO	UKS	05:00	05:00	NA	NA	
SORTER START-UP	,	05:25	05:24	NA	NA	
START SOIL PROCESSING	j na IID	0.4 hr	0.4 hr	0.0 hr	0.0 hr	0.8 hr
TIME REQUIRED TO STA	RI-UP	11:30	11:30	NA	NA	
SORTER SHUT-DOWN		11:16	11:16	NA	NA	
END SOIL PROCESSING		0.2 hr		0.0 hr	0.0 hr	0.4 hr
TIME REQUIRED TO SHI		5.9 hr		0.0 hr	0.0 hr	11.7 hr
ACTUAL PROCESS HOU	RS	0.6 hr	2.7	0.0 hr	0.0 hr	1.3 hr
DOWN-TIME		0.0 hr		0.0 hr	0.0 hr	0.0 hr
SYSTEM PAUSE		3.5 hr		10.0 hr	10.0 hr	27.0 hr
SORTER NONAVAILABL		0.0 hr		10.0 hr	10.0 hr	20.0 hr
AUTHORIZED DELAY T	IME	0.0 111	0.0			90.2%
PLANT PERFORMANCE						29.3%
PRODUCTIVTY						
PRODUCTIVITY						
		19-Mar-94	Fx	cused Delays for	day (sorter-hrs)	20 hr
Date		19-Mar-94 156	Fr	cused delays for	contract (sorter-hrs)	2,502 hr
Contract day (from 6 Sep)		26		cused delay days		63 days
Current Contract week		20	Ex	cused delay mon	ths (plant-month)	2.41 months
Soil production for Day		118 N				36.8%
Cumlative Soil Production f	or Week	726 N		ercent of contract		1.803 MT
Total Soil production for co				ons Ahead or Bel		6 days
Since 6 S		35,194 N	MT Da	ays ahead or behi	ind schedule	0 0233
Since 6	-	36,785 N	TM			
Total Soil production for pr		63,072 1	TM			
•						

								19-Mar-94		
SORT	TER 1			1.00 4	n/m3	,	BACKGROUNE		0.67	± 0.01 c
		ORTER SOIL	DENSITY	1.20 ton	CONTAM		CLEAN		TOTA	L
SOIL							58.7 to		58.9 t	ons
	MASS TOT				0.3		55.9 kg			
	MAXIMUM	SORT			7.0	_	48.9 kg			
	MINIMUM				0.7 i 0.2 j	•	46.5 yd		46.7 y	/d³
	VOLUME	N-GROUND	) 	. ~		99.6%	40.5 /4			
		ECOVERY (C	CLEAN/(HOT	+CLEAN))		99.070	Diene	RSED + PART	ICLE	
ACTI	VITY								CLEAN	
					PART		НОТ			-D
	TOTAL				10,242	kBq	3,335 kB	-	3,863 1	-
	MAXIMUM	SORT			1,481	kBq	878 kE	•	15 1	-
	MINIMUM				3	kBq	0 Bo	-	-12 1	_
	SPECIFIC A						12,603 Bo	ı/kg	00 1	Bq/kg
SORT										
		OCESS PERI	200				1,054		UNEXP	PÁUSE
	ZU-SEC PR	OCESS LEKT	ODS ENTS SORT (1	MD>0&MN	D=0	0			TIME	TIME
					)	886			06:26	None
	N	ONE (AD=0	& MD=0 & M	ひゃって タニスイトリ	D <mndmav)< td=""><td></td><td></td><td></td><td></td><td></td></mndmav)<>					
	S	DME (AD>08	0 <md<mn< td=""><td>DINAXAMINI</td><td>O (MINDINAX)</td><td>100</td><td></td><td></td><td></td><td></td></md<mn<>	DINAXAMINI	O (MINDINAX)	100				
	U		D RECORDS		1					
			<ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>		0					
			D=0 & MD>		0					
			D<0 & MD >	U			10,540			
	2-SEC CO	UNTPERIOD	S SDS WITH SC	OT C		352				
			OS WITH SO			10,188				
	2-	-SEC RECOR	CDS WITHOU	DTS and 20	- CPERIODS		1,406			
	TOTAL PR	OCESS RECC	ORDS (2-s SC	or 15 and 20	-SI ERIODE	')	7			
	NONPROC	ESSING REC	ORDS (Test,	canoration, c	:10)					
		T DETECTO		21.20		5 DET	0	0.0%		
		DET	251	71.3%		6 DET	0	0.0%		
	_	DET	77	21.9%		7 DET	0	0.0%		
	_	DET	21	6.0%		8 DET	0	0.0%		
		DET	3	0.9%			Ū			
	AVERAGE	TIME BETW	EEN 2-SEC	SORTS	84.0	sec				
FRE	QUENC	Y DISTRI	BUTION	IS				. W.D. 4		FREQ%
	TESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		rkeQ%
DET		FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		5.7%
1	2	1.2%	-14000	1	-250	0.1%	4	20		
2		6.5%	-12000	0	-215	0.0%	. 8	130		36.9%
3		17.2%	-10000	5	-179	0.5%	12	64		18.2%
4		19.5%	-8000	5	-143	0.5%	16	32		9.1% 6.3%
5		21.3%	-6000	2	-107	0.2%	20	22		4.8%
6		10.7%	-4000	7 ~	-72	0.7%	24	17		1.7%
7		18.3%	-2000	53	-36	5.0%	28	6		
8		5.3%	0	89	0	8.4%	32	13		3.7%
TOTAL			2000	167	36	15.7%	36	4		1.1%
			4000	236	72	22.2%	40	6		1.7%
2-GA	TESORTS		6000	233	107	22.0%	44	1		0.3% 0.9%
DET		FREQ%	8000	155	143	14.6%	48	3		
9		4.4%	10000	66	179	6.2%	52	4		1.1% 1.1%
		8.7%	12000	32	215	3.0%	56	4		0.0%
10		19.1%	14000	7	250	0.7%	60	0		1.1%
10 11	35		16000	3	286	0.3%	64	4		0.0%
11		18.6%	10000				68	0		
11 12	2 34	18.6% 18.6%	18000	0	322	0.0%				0.20
11 12 13	2 34 3 34	18.6%	18000	0	322 358	0.0%	72	1		0.3%
11 12 13 14	2 34 3 34 4 31	18.6% 16.9%	18000 20000	0				2		0.6%
11 12 13 14 15	2 34 3 34 4 31 5 <u>25</u>	18.6%	18000 20000 22000	0	358	0.0%	72	2 2		0.6% 0.6%
11 12 13 14	2 34 3 34 4 31 5 <u>25</u>	18.6% 16.9%	18000 20000 22000 24000	0 0 0	358 394 429	0.0% 0.0% 0.0%	72 76	2		0.6% 0.6% 0.6%
11 12 13 14 15	2 34 3 34 4 31 5 <u>25</u>	18.6% 16.9%	18000 20000 22000 24000 26000	0 0 0	358 394 429 465	0.0% 0.0% 0.0% 0.0%	72 76 80. 84	2 2		0.6% 0.6%
11 12 13 14 15	2 34 3 34 4 31 5 <u>25</u>	18.6% 16.9%	18000 20000 22000 24000	0 0 0	358 394 429	0.0% 0.0% 0.0%	72 76 80	2 2 2		0.6% 0.6% 0.6%

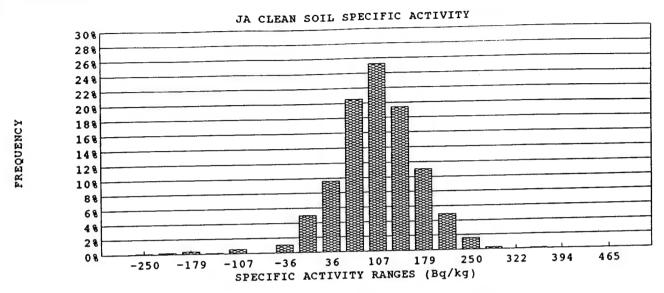


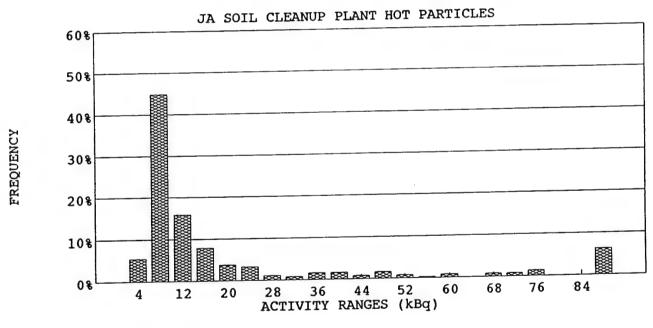


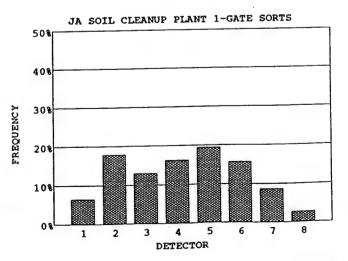


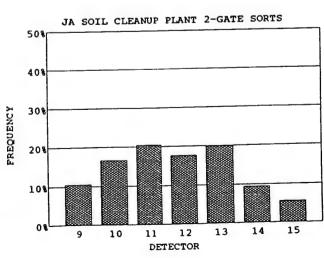


	ER 2						19-1	Mar-94		
		ORTER SOIL	DENSITY	1.20 to	ns/m³	В	ACKGROUND		0.75	
SOIL					CONTAM	INATED	CLEAN		TOTA	
	MASS TOTA	AL			0.3	tons	58.8 tons		59.1 τ	ons
	MAXIMUM	SORT			4.2	kg	55.9 kg			
	MINIMUM				0.7	kg	51.7 kg			
	VOLUMEI	N-GROUNI	)		0.2	yd³	46.6 yd <sup>3</sup>		46.8 y	rd³
			CLEAN/(HO)	(+CLEAN)	)	99.6%				
ACTI							DISPERSE	+ PART	ICLE	
ACII	V 11 1				PART	ICLE	НОТ		CLEAN	
	TOTAL				9,598		3,050 kBq		5,297 k	сBq
	TOTAL	KORT			425	•	262 kBq		18 k	_
	MAXIMUM					kBq	0 Bq		-13 k	Bq.
	MINIMUM				3	KDq	11,680 Bq/kg			g/kg
	SPECIFIC A	CHVITY					11,000 19/18			1 2
SORT							1.055		UNEXP	DATICE
		OCESS PERI				_	1,057			TIME
			ENTS SORT (		ND=0	0			TIME	
	N	ONE (AD=0	& MD=0 & M	(ND>0)		899			08:04	None
	SC	OME (AD>0	&0 <md<mn< td=""><td>Dmax&amp;MN</td><td>D<mndmax)< td=""><td>158</td><td></td><td></td><td>08:39</td><td></td></mndmax)<></td></md<mn<>	Dmax&MN	D <mndmax)< td=""><td>158</td><td></td><td></td><td>08:39</td><td></td></mndmax)<>	158			08:39	
	U	NEXPLAINE	D RECORDS		0					
			<ad<1kbq &<="" td=""><td></td><td>2</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>		2					
			D=0 & MD>		0					
		A	D<0 & MD >	•0	0					
	2-SEC COU	JNT PERIOD	os				10,570			
	2-	-SEC RECO	RDS WITH SO	ORTS		366				
	2-	-SEC RECOR	RDS WITHOU	JT SORTS		10,204				
•	TOTAL PRO	OCESS RECO	ORDS (2-s SC	ORTS and 20	)-s PERIODS	)	1,423			
	NONPROC	ESSING REC	ORDS (Test,	calibration, e	etc)		5			
		TDETECTO								
		DET	248	67.8%		S DET	5	1.4%		
		DET	86	23.5%		6 DET	0	0.0%		
		DET	19	5.2%		7 DET	O	0.0%		
		DET	8	2.2%		8 DET	0	0.0%		
			EEN 2-SEC	SORTS	85.2	sec				
			BUTION							
		DISTRI			SPEC_A	EDEO%	ACT_P	NUM		FREQ%
1-GAT	<b>ESORTS</b>		ACT_ND	NUM		FKEQ70	(kBq)			
			_							
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	0.1%		(#) 20		5.5%
1	12	6.5%	(Bq) -14000	1	-250	0.1%	4	20		5.5% 44.8%
1 2	12 33	6.5% 17.8%	(Bq) -14000 -12000	1 2	-250 -215	0.2%	<b>4</b> 8	20 164		44.8%
1 2 3	12 33 24	6.5% 17.8% 13.0%	(Bq) -14000 -12000 -10000	1 2 4	-250 -215 -179	0.2% 0.4%	4 8 12	20 164 58		44.8% 15.8%
1 2 3 4	12 33 24 30	6.5% 17.8% 13.0% 16.2%	(Bq) -14000 -12000 -10000 -8000	1 2 4 1	-250 -215 -179 -143	0.2% 0.4% 0.1%	4 8 12 16	20 164 58 29		44.8% 15.8% 7.9%
1 2 3	12 33 24 30 36	6.5% 17.8% 13.0% 16.2% 19.5%	(Bq) -14000 -12000 -10000 -8000 -6000	1 2 4 1 6	-250 -215 -179 -143 -107	0.2% 0.4% 0.1% 0.6%	4 8 12 16 20	20 164 58 29 14		44.8% 15.8% 7.9% 3.8%
1 2 3 4 5	12 33 24 30 36 29	6.5% 17.8% 13.0% 16.2% 19.5% 15.7%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000	1 2 4 1 6	-250 -215 -179 -143 -107 -72	0.2% 0.4% 0.1% 0.6% 0.0%	4 8 12 16 20 24	20 164 58 29 14		44.8% 15.8% 7.9% 3.8% 3.3%
1 2 3 4 5	12 33 24 30 36 29 16	6.5% 17.8% 13.0% 16.2% 19.5% 15.7% 8.6%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000	1 2 4 1 6 0	-250 -215 -179 -143 -107 -72 -36	0.2% 0.4% 0.1% 0.6% 0.0% 1.0%	4 8 12 16 20 24 28	20 164 58 29 14 12 4		44.8% 15.8% 7.9% 3.8% 3.3% 1.1%
1 2 3 4 5	12 33 24 30 36 29 16 5	6.5% 17.8% 13.0% 16.2% 19.5% 15.7%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000	1 2 4 1 6 0 11 53	-250 -215 -179 -143 -107 -72 -36	0.2% 0.4% 0.1% 0.6% 0.0% 1.0% 5.0%	4 8 12 16 20 24 28 32	20 164 58 29 14 12 4		44.8% 15.8% 7.9% 3.8% 3.3% 1.1% 0.8%
1 2 3 4 5 6 7 8	12 33 24 30 36 29 16	6.5% 17.8% 13.0% 16.2% 19.5% 15.7% 8.6%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 0	1 2 4 1 6 0 11 53	-250 -215 -179 -143 -107 -72 -36 0	0.2% 0.4% 0.1% 0.6% 0.0% 1.0% 5.0% 9.6%	4 8 12 16 20 24 28 32 36	20 164 58 29 14 12 4 3		44.8% 15.8% 7.9% 3.8% 3.3% 1.1% 0.8% 1.6%
1 2 3 4 5 6 7 8	12 33 24 30 36 29 16 5	6.5% 17.8% 13.0% 16.2% 19.5% 15.7% 8.6%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000	1 2 4 1 6 0 11 53 102 218	-250 -215 -179 -143 -107 -72 -36 0 36 72	0.2% 0.4% 0.1% 0.6% 0.0% 1.0% 5.0% 9.6% 20.5%	4 8 12 16 20 24 28 32 36 40	20 164 58 29 14 12 4 3 6		44.8% 15.8% 7.9% 3.8% 3.3% 1.1% 0.8% 1.6% 1.6%
1 2 3 4 5 6 7 8 TOTAL	12 33 24 30 36 29 16 5	6.5% 17.8% 13.0% 16.2% 19.5% 15.7% 8.6%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000	1 2 4 1 6 0 11 53 102 218 268	-250 -215 -179 -143 -107 -72 -36 0 36 72 107	0.2% 0.4% 0.1% 0.6% 0.0% 1.0% 5.0% 9.6% 20.5% 25.2%	4 8 12 16 20 24 28 32 36 40 44	20 164 58 29 14 12 4 3 6		44.8% 15.8% 7.9% 3.8% 3.3% 1.1% 0.8% 1.6% 1.6% 0.8%
1 2 3 4 5 6 7 8 TOTAL	12 33 24 30 36 29 16 5	6.5% 17.8% 13.0% 16.2% 19.5% 15.7% 8.6%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000	1 2 4 1 6 0 11 53 102 218 268 206	-250 -215 -179 -143 -107 -72 -36 0 36 72 107 143	0.2% 0.4% 0.1% 0.6% 0.0% 1.0% 5.0% 9.6% 20.5% 25.2% 19.4%	4 8 12 16 20 24 28 32 36 40 44 48	20 164 58 29 14 12 4 3 6 6		44.8% 15.8% 7.9% 3.8% 3.3% 1.1% 0.8% 1.6% 1.6% 0.8%
1 2 3 4 5 6 7 8 FOTAL	12 33 24 30 36 29 16 5 185	6.5% 17.8% 13.0% 16.2% 19.5% 15.7% 8.6% 2.7%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000	1 2 4 1 6 0 11 53 102 218 268 206 117	-250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179	0.2% 0.4% 0.1% 0.6% 0.0% 1.0% 5.0% 9.6% 20.5% 25.2% 19.4% 11.0%	4 8 12 16 20 24 28 32 36 40 44 48 52	20 164 58 29 14 12 4 3 6 6 3		44.8% 15.8% 7.9% 3.8% 3.3% 1.1% 0.8% 1.6% 1.6% 0.8% 1.6%
1 2 3 4 5 6 7 8 TOTAL 2-GAT	12 33 24 30 36 29 16 5 185 E SORTS SORTS	6.5% 17.8% 13.0% 16.2% 19.5% 15.7% 8.6% 2.7%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000	1 2 4 1 6 0 11 53 102 218 268 206	-250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215	0.2% 0.4% 0.1% 0.6% 0.0% 1.0% 5.0% 9.6% 20.5% 25.2% 19.4% 11.0% 4.9%	4 8 12 16 20 24 28 32 36 40 44 48 52 56	20 164 58 29 14 12 4 3 6 6 3 6 3		44.8% 15.8% 7.9% 3.8% 3.3% 1.1% 0.8% 1.6% 0.8% 1.6% 0.8% 0.8%
1 2 3 4 5 6 7 8 FOTAL 2-GAT DET 9	12 33 24 30 36 29 16 5 185 E SORTS SORTS 19 30	6.5% 17.8% 13.0% 16.2% 19.5% 15.7% 8.6% 2.7%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000	1 2 4 1 6 0 11 53 102 218 268 206 117	-250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179	0.2% 0.4% 0.1% 0.6% 0.0% 1.0% 5.0% 9.6% 20.5% 25.2% 19.4% 11.0%	4 8 12 16 20 24 28 32 36 40 44 48 52 56 60	20 164 58 29 14 12 4 3 6 6 3 6 3 1		44.8% 15.8% 7.9% 3.8% 3.3% 1.1% 0.8% 1.6% 0.8% 0.8% 0.3% 0.8%
1 2 3 4 5 6 7 8 TOTAL 2-GAT DET	12 33 24 30 36 29 16 5 185 E SORTS SORTS 19 30 37	6.5% 17.8% 13.0% 16.2% 19.5% 15.7% 8.6% 2.7% FREQ% 10.5% 16.6%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000	1 2 4 1 6 0 11 53 102 218 268 206 117 52	-250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286	0.2% 0.4% 0.1% 0.6% 0.0% 1.0% 5.0% 9.6% 20.5% 25.2% 19.4% 11.0% 4.9%	4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64	20 164 58 29 14 12 4 3 6 6 3 1		44.8% 15.8% 7.9% 3.8% 3.3% 1.1% 0.8% 1.6% 0.8% 0.8% 0.3% 0.8% 0.0%
1 2 3 4 5 6 7 8 TOTAL 2-GAT DET 9 10 11 12	12 33 24 30 36 29 16 5 185 TESORTS SORTS 19 30 37 32	6.5% 17.8% 13.0% 16.2% 19.5% 15.7% 8.6% 2.7% FREQ% 10.5% 16.6% 20.4% 17.7%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000 14000 16000	1 2 4 1 6 0 11 53 102 218 268 206 117 52	-250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250	0.2% 0.4% 0.1% 0.6% 0.0% 1.0% 5.0% 9.6% 20.5% 25.2% 19.4% 11.0% 4.9% 1.6%	4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68	20 164 58 29 14 12 4 3 6 6 3 1 3 0 3		44.8% 15.8% 7.9% 3.8% 3.3% 1.1% 0.8% 1.6% 0.8% 0.8% 0.3% 0.8% 0.0% 0.8%
1 2 3 4 5 6 7 8 TOTAL 2-GAT DET 9 10 11 12	12 33 24 30 36 29 16 5 185 ESORTS SORTS 19 30 37 32 36	6.5% 17.8% 13.0% 16.2% 19.5% 15.7% 8.6% 2.7% FREQ% 10.5% 16.6% 20.4% 17.7% 19.9%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 4000 6000 8000 10000 12000 14000 16000 18000	1 2 4 1 6 0 11 53 102 218 268 206 117 52 17 3	-250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286	0.2% 0.4% 0.1% 0.6% 0.0% 1.0% 5.0% 9.6% 20.5% 21.4% 11.0% 4.9% 1.6% 0.3%	4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64	20 164 58 29 14 12 4 3 6 6 3 1 3 0 3		44.8% 15.8% 7.9% 3.8% 1.1% 0.8% 1.6% 0.8% 0.3% 0.3% 0.8% 0.0% 0.8%
1 2 3 4 5 6 7 8 TOTAL 2-GAT DET 9 10 11 12 13	12 33 24 30 36 29 16 5 185 ESORTS SORTS 19 30 37 32 36 17	6.5% 17.8% 13.0% 16.2% 19.5% 15.7% 8.6% 2.7%  FREQ% 10.5% 16.6% 20.4% 17.7% 19.9% 9.4%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000 14000 16000 18000 20000	1 2 4 1 6 0 11 53 102 218 268 206 117 52 17 3 0	-250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322	0.2% 0.4% 0.1% 0.6% 0.0% 1.0% 5.0% 9.6% 20.5% 25.2% 19.4% 11.0% 4.9% 1.6% 0.3% 0.0%	4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68	20 164 58 29 14 12 4 3 6 6 3 1 3 0 3		44.8% 15.8% 7.9% 3.8% 3.3% 1.1% 0.8% 1.6% 0.8% 0.3% 0.3% 0.0% 0.8% 0.8% 0.8% 1.4%
1 2 3 4 5 6 7 8 TOTAL 2-GAT DET 9 10 11 12 13 14 15	12 33 24 30 36 29 16 5 185 ESORTS SORTS 19 30 37 32 36 17 10	6.5% 17.8% 13.0% 16.2% 19.5% 15.7% 8.6% 2.7% FREQ% 10.5% 16.6% 20.4% 17.7% 19.9%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 12000 12000 14000 16000 18000 22000 22000	1 2 4 1 6 0 11 53 102 218 268 206 117 52 17 3 0 1	-250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358	0.2% 0.4% 0.1% 0.6% 0.0% 1.0% 5.0% 9.6% 20.5% 21.0% 4.9% 11.0% 4.9% 1.6% 0.3% 0.0% 0.1%	4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72	20 164 58 29 14 12 4 3 6 6 3 1 3 0 3		44.8% 15.8% 7.9% 3.8% 1.1% 0.8% 1.6% 0.8% 0.3% 0.3% 0.8% 0.0% 0.8% 0.8% 1.4% 0.0%
1 2 3 4 5 6 7 8 TOTAL 2-GAT DET 9 10 11 12 13 14 15	12 33 24 30 36 29 16 5 185 ESORTS SORTS 19 30 37 32 36 17	6.5% 17.8% 13.0% 16.2% 19.5% 15.7% 8.6% 2.7%  FREQ% 10.5% 16.6% 20.4% 17.7% 19.9% 9.4%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 12000 14000 16000 18000 20000 22000 24000	1 2 4 1 6 0 11 53 102 218 268 206 117 52 17 3 0 1	-250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358 394	0.2% 0.4% 0.1% 0.6% 0.0% 1.0% 5.0% 9.6% 20.5% 25.2% 19.4% 11.0% 4.9% 1.6% 0.3% 0.0% 0.1% 0.0%	4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76	20 164 58 29 14 12 4 3 6 6 3 1 3 0 3 3 5		44.8% 15.8% 7.9% 3.8% 3.3% 1.1% 0.8% 1.6% 0.8% 0.3% 0.3% 0.8% 0.0% 0.8% 0.8% 1.4%
1 2 3 4 5 6 7 8 TOTAL 2-GAT DET 9 10 11 12 13	12 33 24 30 36 29 16 5 185 ESORTS SORTS 19 30 37 32 36 17 10	6.5% 17.8% 13.0% 16.2% 19.5% 15.7% 8.6% 2.7%  FREQ% 10.5% 16.6% 20.4% 17.7% 19.9% 9.4%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000 14000 16000 18000 22000 22000 24000 24000	1 2 4 1 6 0 11 53 102 218 268 206 117 52 17 3 0 1 0 0	-250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358 394 429 465	0.2% 0.4% 0.1% 0.6% 0.0% 1.0% 5.0% 9.6% 20.5% 25.2% 19.4% 11.0% 4.9% 1.6% 0.3% 0.0% 0.1% 0.0% 0.0%	4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84	20 164 58 29 14 12 4 3 6 6 3 1 3 0 3 3 5 0 0		44.8% 15.8% 7.9% 3.8% 3.3% 1.1% 0.8% 1.6% 0.8% 0.3% 0.3% 0.3% 0.0% 0.8% 0.8% 1.4% 0.0%
1 2 3 4 5 6 7 8 TOTAL 2-GAT DET 9 10 11 12 13 14 15	12 33 24 30 36 29 16 5 185 ESORTS SORTS 19 30 37 32 36 17 10	6.5% 17.8% 13.0% 16.2% 19.5% 15.7% 8.6% 2.7%  FREQ% 10.5% 16.6% 20.4% 17.7% 19.9% 9.4%	(Bq) -14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 12000 14000 16000 18000 20000 22000 24000	1 2 4 1 6 0 11 53 102 218 268 206 117 52 17 3 0 1	-250 -215 -179 -143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358 394 429	0.2% 0.4% 0.1% 0.6% 0.0% 1.0% 5.0% 9.6% 20.5% 25.2% 19.4% 11.0% 4.9% 1.6% 0.3% 0.0% 0.1% 0.0%	4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80	20 164 58 29 14 12 4 3 6 6 3 1 3 0 3 3 5		44.8% 15.8% 7.9% 3.8% 1.1% 0.8% 1.6% 1.6% 0.8% 0.3% 0.8% 0.0% 0.8% 0.0% 0.0%





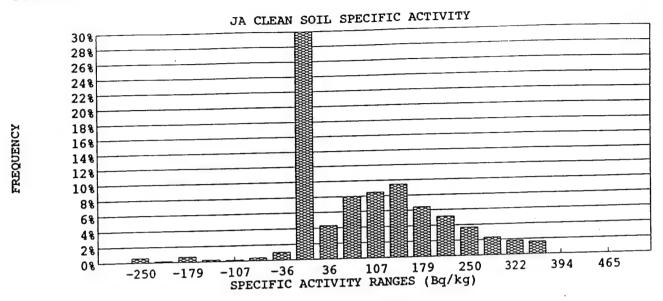


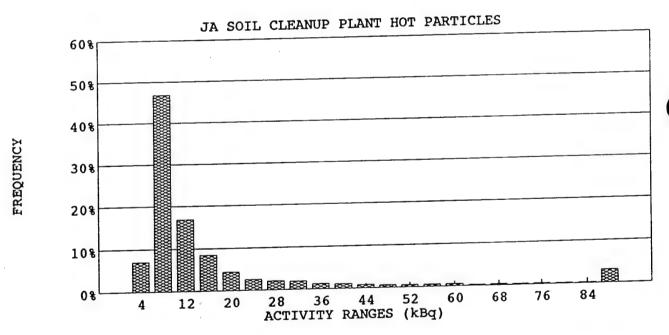


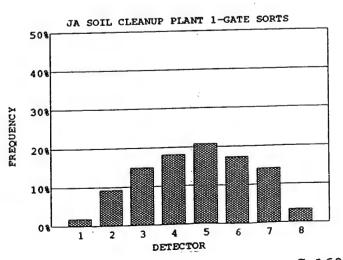
## WORK HISTORY - JA SOIL CLEANUP PLANT 21-Mar-94

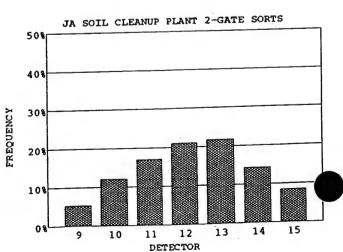
WORK DAY START	06:00 A 11:00 A		WORK DAY E	END URING LUNCH	16:30 PM 0.0 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL (sorter hours)
		10.5 hr	10.5 hr	10.5 hr	10.5 hr	42.0 hr
WORK HOURS		10.3 hr	10.3 hr	0.0 hr	0.0 hr	20.5 hr
SORTER AVAILABLE HOURS	•	06:00	06:00	NA	NA	
SORTER START-UP		06:28	06:28	NA	NA	
START SOIL PROCESSING	TID	0.5 hr	0.5 hr	0.0 hr	0.0 hr	0.9 hr
TIME REQUIRED TO START	- OF	16:15	16:15	NA	NA	
SORTER SHUT-DOWN		15:57	15:56	NA	NA	
END SOIL PROCESSING	OWN	0.3 hr	0.3 hr	0.0 hr	0.0 hr	0.6 hr
TIME REQUIRED TO SHUT D	OWN	7.8 hr			0.0 hr	15.5 hr
ACTUAL PROCESS HOURS		2.5 hr			0.0 hr	5.0 hr
DOWN-TIME		1.8 hr			0.0 hr	3.6 hr
SYSTEM PAUSE	. 4E	0.2 hr			10.0 hr	20.5 hr
SORTER NONAVAILABLE TI	ME	0.2 m 0.5 hr			10.0 hr	21.0 hr
AUTHORIZED DELAY TIME		0.5 111	0.5 11	2010		75.8%
PLANT PERFORMANCE						37.0%
PRODUCTIVTY		·				
PRODUCTIVITY						
Date		21-Mar-94	Б	cused Delays for d	lay (sorter-hrs)	21 hr
Contract day (from 6 Sep)		157	Б	cused delays for co	ontract (sorter-hrs)	2,523 hr
Current Contract week		27	Б	cused delay days (	plant-days)	63 days
Carron Contract			Ð	cused delay month	is (plant-month)	2.43 months
Soil production for Day		156 M	_			
Cumlative Soil Production for We	eek	156 M		creent of contract of		36.9%
Total Soil production for contract				ons Ahead or Behi		1,809 MT
Since 6 Sep 93		35,350 M	T D	ays ahead or behin	d schedule	6 days
Since 6 Aug 93		36,941 M	T			
Total Soil production for project		63,228 M	Т			

0000	CCD 1						21	-Mar-94		
SORT		ORTER SOIL	DENSITY	1.20 ton:	c/m³		BACKGROUND	[-[v]ai 24	0.67 :	± 0.04 c
SOIL	30	K IEK SOIL	DENSITI	1.20 1011	CONTAM		CLEAN		TOTA	\L
	MACCIOI	. т			34.6		43.4 tons		78.0 t	ons
	MASS TOTA				58.1		55.9 kg			
	MAXIMUM				0.7	•	46.8 kg			
	MINIMUM/	SOR 1 N-GROUND			27.5	-	34.4 yd³		61.9 y	/d³
			CLEAN/(HOT	+CI FANI)	2,2	55.6%	<b>,</b> -		•	
		ECOVERT	LEANIN	( CLASSI)			DISPER	SED + PARTIC	I.E.	
ACH	VITY				PART	TOT E	HOT		LEAN	
									5,194 1	·Ba
	TOTAL	_			90,298	•	60,686 kBq 2,596 kBq		20 1	•
	MAXIMUM				4,372	квq kBq	(14,735)Bq		-19	•
	MINIMUM/				2	къч	1,752 Bq/	co	120 I	•
	SPECIFIC A	CHVITY					1,732 Bq/1	```		, B
SORT							4.204	**	MEVD	DATICE
	20-SEC PR	OCESS PERI	ODS				1,396			PAUSE
			ENTS SORT (		D=0)	613			IME	
	N	ONE (AD=0	& MD=0 & M	(ND>0)		583			06:47	06:32 09:58
			0 <md<mn< td=""><td></td><td></td><td>200</td><td></td><td></td><td>07:16 10:30</td><td>11:16</td></md<mn<>			200			07:16 10:30	11:16
	U		D RECORDS		0				11:34	11:21
			<ad<1kbq &<="" td=""><td></td><td>2</td><td></td><td></td><td></td><td>11.34</td><td>11:23</td></ad<1kbq>		2				11.34	11:23
			D=0 & MD>		1					11:29
			D<0 & MD >	·U	1		13,960			11:43
		INT PERIOD		AT TS		3,984	13,900			12:48
			EDS WITH SO			9,976				13:50
			DS WITHOU		• DEDIODS	,	5,380			14:25
			ORDS (2-s SC			")	3,500			14:59
			ORDS (Test, o	anoration, e	ic)		3			15:33
		T DETECTO		67.3%		5 DET	16	0.4%		
		DET	2,683 966	24.2%		6 DET	0	0.0%		
		DET	257	6.5%		7 DET	0	0.0%		
		DET	62	1.6%		8 DET	0	0.0%		
		DET TIME BETW	EEN 2-SEC		10.4		-			
EDEC			BUTION							
		DISTIN	ACT_ND	NUM	SPEC_A	FREO%	ACT_P	NUM		FREQ%
	TE SORTS SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	I KDQ/	(kBq)	(#)		
1		1.9%	-14000	8	-250	0.6%	4	281		7.1%
	_	9.3%	-12000	2	-215		8	1,865		46.8%
2			-10000	9	-179	0.6%	12	674		16.9%
3 4	297 361	15.0% 18.2%	-8000 -8000	3	-143	0.2%	16	337		8.5%
5	413	20.8%	-6000	2	-107	0.1%	20	176		4.4%
6	345	17.4%	-4000	5	-72	0.4%	24	102		2.6%
v	340		-2000	14	-36	1.0%	28	83		2.1%
7	283	14 / 1/2								1.9%
7 8		14.2% 3.3%		642	0	45.9%	32	76		1.2%
8	66	3.3%	0	642 60		45.9% 4.3%	32 36	76 49		
8			0 2000	60	0 36 72					1.1%
8 TOTAL	1,986		0 2000 4000		36	43%	36	49		1.1% 0.8%
8 TOTAL 2-GAT	66 1,986 TE SORTS	3.3%	0 2000 4000 6000	60 112 118	36 72	4.3% 8.0%	36 40	49 45		
8 TOTAL 2-GAT DET	1,986  TE SORTS SORTS	3.3% FREQ%	0 2000 4000 6000 8000	60 112	36 72 107	4.3% 8.0% 8.4%	36 40 44	49 45 30 25 21		0.8%
8 TOTAL 2-GAT DET 9	1,986 TE SORTS SORTS 106	3.3% FREQ% 5.3%	0 2000 4000 6000 8000	60 112 118 132	36 72 107 143	4.3% 8.0% 8.4% 9.4%	36 40 44 48	49 45 30 25 21 23		0.8% 0.6% 0.5% 0.6%
8 TOTAL 2-GAT DET 9 10	66 1,986 TE SORTS SORTS 106 242	3.3% FREQ% 5.3% 12.1%	0 2000 4000 6000 8000	60 112 118 132 90 72	36 72 107 143 179	4.3% 8.0% 8.4% 9.4% 6.4%	36 40 44 48 52	49 45 30 25 21		0.8% 0.6% 0.5% 0.6% 0.5%
8 TOTAL 2-GAT DET 9 10	66 1,986 TE SORTS SORTS 106 242 341	3.3% FREQ% 5.3% 12.1% 17.1%	0 2000 4000 6000 8000 10000 12000 14000	60 112 118 132 90	36 72 107 143 179 215	4.3% 8.0% 8.4% 9.4% 6.4% 5.1%	36 40 44 48 52 56	49 45 30 25 21 23		0.8% 0.6% 0.5% 0.6% 0.5% 0.3%
8 TOTAL 2-GAT DET 9 10 11	66 1,986 IE SORTS SORTS 106 242 341 420	3.3% FREQ% 5.3% 12.1% 17.1% 21.0%	0 2000 4000 6000 8000 10000 12000 14000 16000	60 112 118 132 90 72 51	36 72 107 143 179 215 250	4.3% 8.0% 8.4% 9.4% 6.4% 5.1% 3.6%	36 40 44 48 52 56	49 45 30 25 21 23 21		0.8% 0.6% 0.5% 0.6% 0.5%
8 FOTAL 2-GAT DET 9 10 11 12 13	66 1,986 IE SORTS SORTS 106 242 341 420 434	3.3% FREQ% 5.3% 12.1% 17.1% 21.0% 21.7%	0 2000 4000 6000 8000 10000 12000 14000 16000 18000	60 112 118 132 90 72 51 32	36 72 107 143 179 215 250 286 322	4.3% 8.0% 8.4% 9.4% 6.4% 5.1% 3.6% 2.3% 1.8%	36 40 44 48 52 56 60 64	49 45 30 25 21 23 21 10		0.8% 0.6% 0.5% 0.6% 0.5% 0.3%
8 FOTAL 2-GAT DET 9 10 11 12 13	66 1,986 IE SORTS SORTS 106 242 341 420 434 285	3.3% FREQ% 5.3% 12.1% 17.1% 21.0% 21.7% 14.3%	0 2000 4000 6000 8000 10000 12000 14000 16000 18000 20000	60 112 118 132 90 72 51 32 25 22	36 72 107 143 179 215 250 286 322 358	4.3% 8.0% 8.4% 9.4% 6.4% 5.1% 3.6% 2.3% 1.8%	36 40 44 48 52 56 60 64 68 72	49 45 30 25 21 23 21 10 12		0.8% 0.6% 0.5% 0.6% 0.5% 0.3%
8 FOTAL 2-GAT DET 9 10 11 12 13 14	66 1,986 IE SORTS SORTS 106 242 341 420 434 285 170	3.3% FREQ% 5.3% 12.1% 17.1% 21.0% 21.7%	0 2000 4000 6000 8000 10000 12000 14000 16000 18000 20000	60 112 118 132 90 72 51 32 25 22	36 72 107 143 179 215 250 286 322 358 394	4.3% 8.0% 8.4% 9.4% 6.4% 5.1% 3.6% 2.3% 1.8% 0.0%	36 40 44 48 52 56 60 64 68 72	49 45 30 25 21 23 21 10		0.8% 0.6% 0.5% 0.6% 0.5% 0.3% 0.3%
8 TOTAL 2-GAT DET 9 10 11 12 13 14	66 1,986 IE SORTS SORTS 106 242 341 420 434 285 170	3.3% FREQ% 5.3% 12.1% 17.1% 21.0% 21.7% 14.3%	0 2000 4000 6000 8000 10000 12000 14000 16000 18000 20000 22000 24000	60 112 118 132 90 72 51 32 25 22 0	36 72 107 143 179 215 250 286 322 358 394 429	4.3% 8.0% 8.4% 9.4% 6.4% 5.1% 3.6% 2.3% 1.8% 0.0% 0.0%	36 40 44 48 52 56 60 64 68 72 76 80	49 45 30 25 21 23 21 10 12 10		0.8% 0.6% 0.5% 0.6% 0.5% 0.3% 0.3% 0.3%
8 TOTAL 2-GAT DET 9 10 11 12 13	66 1,986 IE SORTS SORTS 106 242 341 420 434 285 170	3.3% FREQ% 5.3% 12.1% 17.1% 21.0% 21.7% 14.3%	0 2000 4000 6000 8000 10000 12000 14000 18000 20000 22000 24000	60 112 118 132 90 72 51 32 25 22 0	36 72 107 143 179 215 250 286 322 358 394 429 465	4.3% 8.0% 8.4% 9.4% 6.4% 5.1% 3.6% 2.3% 1.8% 0.0% 0.0%	36 40 44 48 52 56 60 64 68 72 76 80 84	49 45 30 25 21 23 21 10 12 10 11 5		0.8% 0.6% 0.5% 0.6% 0.3% 0.3% 0.3% 0.1% 0.2%
8 TOTAL 2-GAT DET 9 10 11 12 13 14	66 1,986 IE SORTS SORTS 106 242 341 420 434 285 170	3.3% FREQ% 5.3% 12.1% 17.1% 21.0% 21.7% 14.3%	0 2000 4000 6000 8000 10000 12000 14000 16000 18000 20000 22000 24000	60 112 118 132 90 72 51 32 25 22 0	36 72 107 143 179 215 250 286 322 358 394 429	4.3% 8.0% 8.4% 9.4% 6.4% 5.1% 3.6% 2.3% 1.8% 0.0% 0.0%	36 40 44 48 52 56 60 64 68 72 76 80	49 45 30 25 21 23 21 10 12 10		0.8% 0.6% 0.5% 0.6% 0.3% 0.3% 0.3% 0.3%

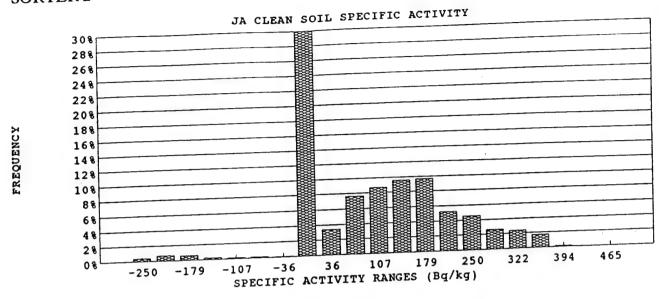


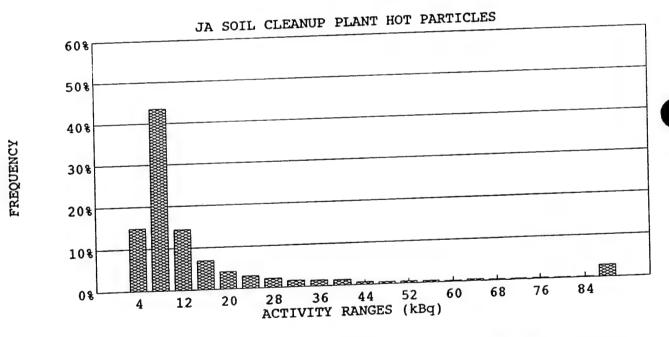


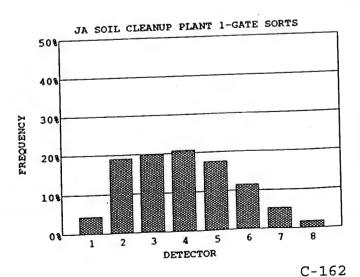


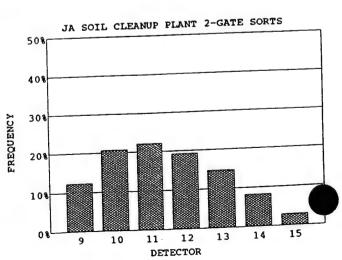


				***			21-	Mar-94	
SORTE				4.00		12.4	ACKGROUND		6 ± 0.05 c/
	so	RTER SOIL D	ENSITY	1.20 tons/			CLEAN	TO	TAL
SOIL					CONTAMI		45.4 tons		3 tons
M	ASS TOTA	L			32.9 to		55.9 kg		
M	AXIMUM/	SORT			58.1 kg		35.6 kg		
	INIMUM/S				0.7 k <sub>2</sub> 26.1 ye	-	36.0 yd <sup>3</sup>	62.	0 yd³
V	OLUMEIN	I-GROUND	CANIVIIOT	C EANN	20.1 y	57.9%	20.0 ).		
		COVERY (C	LEAN/(HUI-	+CLEAN))		31.770	DISPERSE	D + PARTICLE	
ACTIV	ITY				2 1 2 2	CT F	HOT	CLEA	N
					PARTI		61,482 kBq		5 kBq
	OTAL				94,074 k 8,480 k	•	2,827 kBq		0 kBq
	AXIMUM				8,460 k	•	(9,562)Bq	-1	5 kBq
	INIMUM/S				2 K	БЧ	1,868 Bq/kg	13	4 Bq/kg
	PECIFIC A	CHVITY					1,000 104118		
SORTS							1,400	UNE	CP PAUSE
20	SEC PRO	OCESS PERIC	DDS			500	1,400	TIME	
	AI	L 80 ELEMEN	VTS SORT (M	1D>0&MNI	J=U)	580 577		06:4	
	NO	ONE (AD=0 &	MD=0 & M	ND>0)	~MND~~~\	243		11:3	4 09:59
	SC	ME(AD>0&	U <md<mni< td=""><td>maxamnD</td><td>(MNDmax)</td><td>273</td><td></td><td></td><td>11:16</td></md<mni<>	maxamnD	(MNDmax)	273			11:16
	Uì	VEXPLAINED		MD>0	0				11:21
			:AD<1kBq & D=0 & MD>0		1				11:23
			)=0 & MD>0 )<0 & MD>		1				11:28
2	SEC COL	INT PERIODS		v	_		14,000		11:43
2.	-360 000	SEC RECOR	os with so	RTS		4,398			11:46
	2-	SEC RECOR	DS WITHOU	TSORTS		9,602			12:48
т	OTAL PRO	OCESS RECO	RDS (2-s SO	RTS and 20-	-s PERIODS	)	5,798		13:50
N.	ONPROC	ESSING RECO	ORDS (Test c	alibration, et	c)		3		14:25
2	-SEC SOR	TDETECTO	RS					- 444	14:59
		DET	2,888	65.7%	5	DET	23	0.5%	15:33
		DET	1,094	24.9%	ć	DET	0	0.0%	
		DET	308	7.0%	7	DET	2	0.0%	
	41	DET	85	1.9%		BDET	0	0.0%	
A	VERAGE	TIME BETWI	EEN 2-SECS	SORTS	9.7 s	sec			
FREO	UENCY	DISTRI	BUTION	S					FREQ%
1-GATE			ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM	FREQ%
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)	14.9%
1	95	4.4%	-14000	6	-250	0.4%	4	655	43.5%
2	415	19.0%	-12000	10	-215	0.7%	8	1,915	14.4%
3	433	19.9%	-10000	9	-179	0.6%	12	633	6.9%
4	451	20.7%	-8000	3	-143	0.2%	16	303	4.1%
5	383	17.6%	-6000	2	-107	0.1%	20	181 131	3.0%
6	250	11.5%	-4000	2	-72	0.1%	24	97	2.2%
7	115	5.3%	-2000	1	-36	0.1%	28	68	1.5%
8	37	1.7%	0	591	0	42.1%	32 36	62	1.4%
TOTAL	2,179		2000	47	36	3.3%	36 40	57	1.3%
			4000	107	72	7.6%	44	28	0.6%
2-GATI		4	6000	122	107	8.7% 9.6%	48	21	0.5%
1	SORTS	FREQ%	8000	134	143 179	9.6% 9.7%	52	22	0.5%
9	273	12.3%	10000	136	215	5.2%	56	18	0.4%
10	459	20.7%	12000	73 64	250	4.6%	60	13	0.3%
11	491	22.1%	14000	64 37	286	2.6%	64	19	0.4%
12	427	19.2%	16000	33	322	2.4%	68	13	0.3%
13	326	14.7%	18000	33 24	358	1.7%	72	10	0.2%
14	180	8.1%	20000	24	394	0.1%	76	11	0.3%
15	63	2.8%	22000 24000	0	429	0.0%	80	8	0.2%
TOTAL	2,219			0	465	0.0%	84	8	0.2%
			26000	0	0	0.0%	>84	125	2.8%
			~ >28000 TOTAL	1,403	U	0.070	TOTAL	4,398	
	•				164	DISE	42923		
EVENT 1	TYPES	HPE	4,018	MPE	164	DISE	74743		







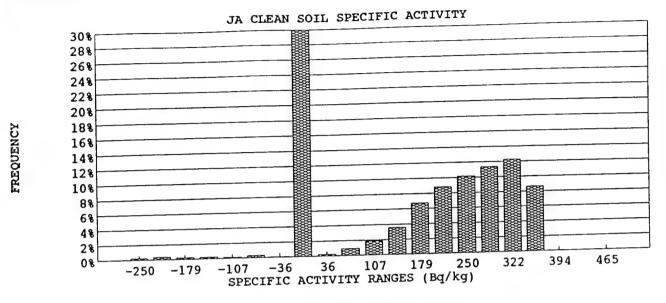


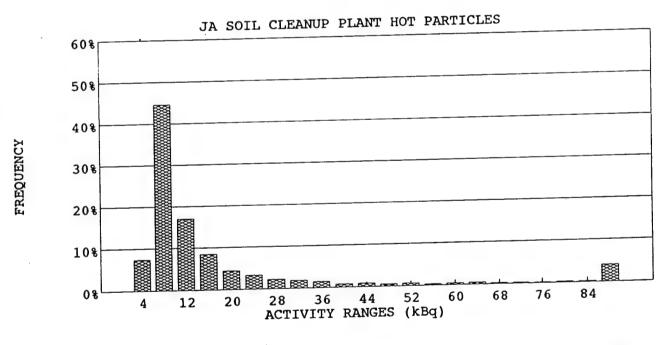
		ALLID DI	ANIT
WORK HISTORY -	IA COIL	CLEANUPPL	AN

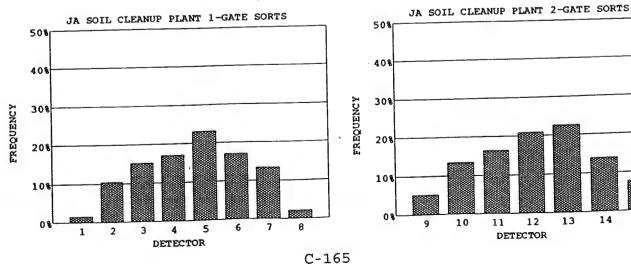
WORK DAY CTART	06:00 4	4M	WORK DAY EN		16:30 PM	
WORK DAY START LUNCH START	11:00		TIME LOST DU	RING LUNCH	0.0 HR	
LONCH STRUCT		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL (sorter hours)
WORK HOURS		10.5 hr	10.5 hr	10.5 hr	10.5 hr	42.0 hr
SORTER AVAILABLE HOURS		10.2 hr	10.2 hr	0.0 hr	0.0 hr	20.3 hr
SORTER START-UP		06:00	06:00	NA	NA	
START SOIL PROCESSING		06:21	06:20	NA	NA	07.
TIME REQUIRED TO START-	-UP	0.4 hr	0.3 hr	0.0 hr	0.0 hr	0.7 hr
SORTER SHUT-DOWN	-	16:10	16:10	NA	NA	
END SOIL PROCESSING		16:01	16:02	NA	NA	
TIME REQUIRED TO SHUT D	OWN	0.1 hr	0.1 hr	0.0 hr	0.0 hr	0.3 hr
	, O	9.3 hr	9.3 hr	0.0 hr	0.0 hr	18.6 hr
ACTUAL PROCESS HOURS		0.9 hr	0.8 hr	0.0 hr	0.0 hr	1.7 hr
DOWN-TIME		0.4 hr	0.4 hr	0.0 hr	0.0 hr	0.8 hr
SYSTEM PAUSE	ME	0.3 hr	0.3 hr	10.0 hr	10.0 hr	20.7 hr
SORTER NONAVAILABLE TI		0.0 hr	0.0 hr	10.0 hr	10.0 hr	20.0 hr
AUTHORIZED DELAY TIME		<b>Q10</b>				91.6%
PLANT PERFORMANCE						44.4%
PRODUCTIVTY						
PRODUCTIVITY						
			Ev	cused Delays for	day (sorter-hrs)	20 hr
Date		22-Mar-94	Ev	cused delays for	contract (sorter-hrs)	2,543 hr
Contract day (from 6 Sep)		158		cused delay days		64 days
Current Contract week		27			ths (plant-month)	2.45 months
Soil production for Day		187 M	IT			37.1%
Cumlative Soil Production for W	eek	344 M		rcent of contract		1.838 MT
Total Soil production for contract				ons Ahead or Bel		6 days
Since 6 Sep 9		35,538 N	fT Da	ys ahead or behi	ind schedule	o uays
•		37,129 N	(T			
Since 6 Aug 9	93	31,129 N	4.1			

SORTI	7D 1							Mar-94	
OKIŁ		RTER SOIL D	ENSITY	1.20 ton	s/m³	BA	CKGROUND	0.67	
SOIL	30	K IEK SOIL L	LIGHT		CONTAMI	NATED	CLEAN		ΓAL
					32.5 to		61.0 tons	93.5	tons
	ASS TOTA				58.1 kg	g	55.9 kg		
	IAXIMUM/S IINIMUM/S				0.7 kg	g	40.5 kg	74	13
N.	TIME IN	-GROUND			25.8 ye	43	48.3 yd³	74.1	yd³
v	VEIGHTRE	COVERY (C	LEAN/(HOT-	+CLEAN))		65.2%			
ACTIV							DISPERSE	+ PARTICLE	
ACTIV	11 1				PARTI	CLE .	НОТ	CLEA	
_					114,176 k	Bq	62,969 kBq	14,369	_
	OTAL	CODT			5,350 k		3,273 kBq		kBq
	AAXIMUM/ AINIMUM/S				2 k	Bq	(17,288)Bq		kBq
, n	PECIFIC A	CHVITY					1,937 Bq/kg	239	S Bq/kg
		CHVIII							
SORTS	<b>S</b>	and project	nne.				1,672		P PAUSE
2	0-SEC PRO	CESS PERIC L 80 ELEMEI	ALC CUDIL'II	/D>Ո&MՒ	4D=0	561		TIME	
	AL	LOUELEME	MD-0 6 M	ND>0	,	593		08:3	
	NO	NE (AD=0 &	O-MD-MMI	Dmax&MN	D <mndmax)< td=""><td>518</td><td></td><td>08:3</td><td></td></mndmax)<>	518		08:3	
	SO	ME (AD>U& NEXPLAINED	D BECUBING	January III	0			09:0	
	Ur	ACVLT TATILET	AD<1kBq &	MD>0	0				09:36 10:16
			D=0 & MD>		1				12:32
			0<0 & MD >		2				14.34
2	-SEC COU	NT PERIODS					16,720		
•	2-	SEC RECOR	DS WITH SO	RTS		3,935			
	2-	SEC RECOR	DS WITHOU	TSORTS		12,785	5,607		
7	TOTAL PRO	CESS RECO	RDS (2-s SO	RTS and 20	0-s PERIODS	)	3,607 6		
1	NONPROCE	ESSING RECO	ORDS (Test, c	alibration,	ctc)		U		
2	2-SEC SOR	T DETECTO	RS			DET	6	0.2%	
	1 I	DEL	2,690	68.4%		DET	0	0.0%	
	2 1	DET	939	23.9%		DET	0	0.0%	
		DET	254 46	6.5% 1.2%		DET	0	0.0%	
	41	DET			12.4 :				
	AVERAGE	TIMEBETW	DI ITION	C					
FREQ	UENCY	DISTRI	BUTION	13 13	SPEC_A	EDEO%	ACT_P	NUM	FREQ%
	ESORTS		ACT_ND	NUM	(Bq/kg)	TREQU	(kBq)	(#)	
DET	SORTS	FREQ%	(Bq)	(#) 4	-250	0.2%	4	291	7.4%
1		1.5%	-14000		-215	0.4%	8	1,757	44.7%
2	207	10.4%	-12000	6 4	-179	0.2%	12	666	16.9%
3	301	15.2%	-10000 -8000	4	-143	0.2%	16	335	8.5%
4	339	17.1%	-6000	2	-107	0.1%	20	177	4.5%
5	457	23.1% 17.1%	-4000	5	-72	0.3%	24	131	3.3%
6 7	339 267	13.5%	-2000	1	-36	0.1%	28	87	2.2% 1.9%
,	42	2.1%	0	569	0	33.9%	32	73	1.4%
TOTAL	1,981	J.1.	2000	4	36	0.2%	36	57	0.8%
IOIAL	1,701		4000	15	72	0.9%	40	31 33	0.8%
2-GAT	ESORTS		6000	31	107	1.8%	44	23	0.6%
	SORTS	FREQ%	8000	60	143	3.6%	48	25 25	0.6%
9	100	5.1%	10000	113	179	6.7%	52	13	0.3%
10	263	13.5%	12000	148	215	8.8%	56 60	14	0.4%
11	321	16.4%	14000	171	250	10.2%	64	19	0.5%
12	407	20.8%	16000	190	286	11.3% 12.3%	68	10	0.3%
13	441	22.6%	18000	206	322		72	9	0.2%
14	272	13.9%	20000	145	358	8.6%	72 76	7	0.2%
15	150	7.7%	22000	0	394	0.0%	76 80	9	0.2%
TOTAL	1,954		24000	0	429	0.0%	84	11	0.3%
		. :	26000	0	465	0.0%		157	4.0%
			>28000	0	0	0.0%	>84 TOTAL	3,935	
			TOTAL	1,678		Dice	42682	3,723	
	TYPES	HPE	3,696	MPE	148	DISE	42002		

15

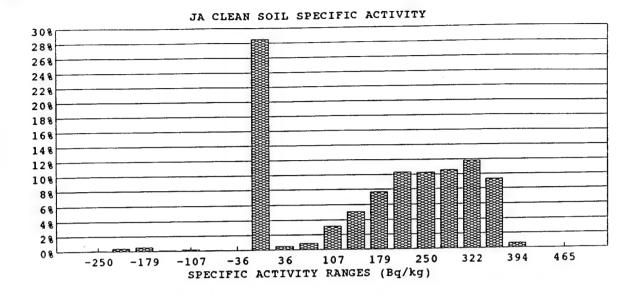


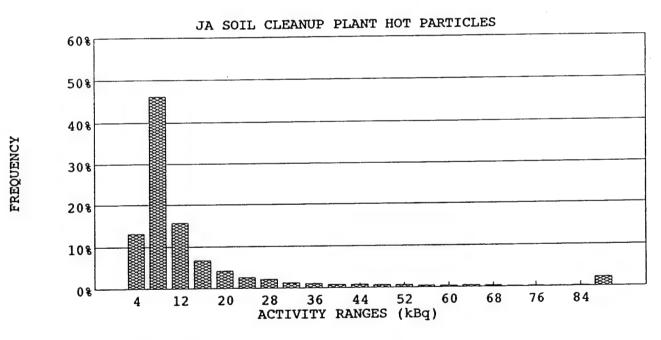


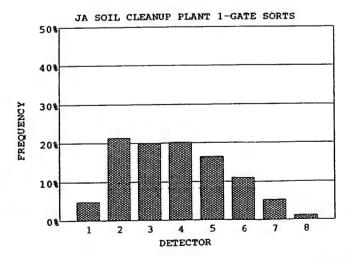


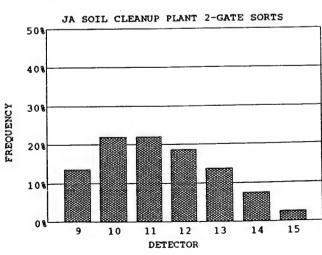
SORTE	TR 2							Mar-94	
ORIE		RTER SOIL I	FNSITY	1.20 tons	s/m³	BA	CKGROUND		7 ± 0.04 c
OII	30.	K TEK SOIL I	LINDILL		CONTAM	NATED	CLEAN	_	TAL
OIL					27.9 t		66.0 tons	94.	0 tons
***	ASS TOTA				58.1 k		55.9 kg		
	(AXIMUM/ IINIMUM/S				0.7 k	_	41.2 kg		
		-GROUND			22.1 y	_	52.3 yd <sup>3</sup>	74.	5 yd³
V	CLUMEIN	COVERY (C	FAN/HOT	+CLEAN))	-	70.3%			
		COVERT					DISPERSED	+ PARTICLE	
ACTIV	III				PART	ŒE	HOT	CLEA	
					74,057 1		46,837 kBq		8 kBq
	OTAL [AXIMUM/	TOOR			2,681	:Bq	1,506 kBq		0 kBq
	IAXIMUM/ IINIMUM/S				2 1	:Bq	(2,688)Bq		5 kBq
	PECIFIC A						1,677 Bq/kg	23	0 Bq/kg
		CHVIII							
SORTS	)		NDC				1,681	UNE	CP PAUSE
20	0-SEC PRO	CESS PERIO L 80 ELEME	NILC CUDILY VILC CUDILY	/D>Ո&MN	D=0)	475		TIME	
	AL	LSUELEME	: MD=0 * M	ND>U/	~ ~,	607		08:3	
	NO	NE (AD=0 &	CAMO-VANI	Dmax&MNI	O <mndmax)< td=""><td>599</td><td></td><td>09:0</td><td></td></mndmax)<>	599		09:0	
	SO	ME(AD>0&	<b>プロセヘフコロッ</b>	JIIIAACCIVIIVI	0			15:2	
	UN	IEXPLAINE	AD<1kBq &	MD>0	2			16:0	
			D=0 & MD>		0				12:32
			D=0 & MD>		2				
_	000 001			·	-		16,810	•	
2	-SEC COU	NT PERIODS SEC RECOR	o De With SC	RTS		4,179			
	2-	SEC RECOR	DS WITHOU	TSORTS		12,631			
	2-	SEC RECOR	PDS (2-s SC	RTS and 20	-s PERIODS	)	5,860		
1	OTALPRO	ESSING RECO	DDDS (Test of	alibration, e	tc)	,	1		
7	SEC SOP	T DETECTO	RS		,				
2		DET	2,888	69.1%		5 DET	15	0.4%	
		DET	976	23.4%		6 DET	0	0.0%	
		DET	242	5.8%		7 DET	0	0.0%	
		DET	58	1.4%		8 DET	0	0.0%	
4	VERAGE	TIME BETW	EEN 2-SEC	SORTS	11.6	sec			
EDEO	LIENCY	DISTRI	BUTION	S					
		Dioliki	ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM	FREQ%
1-GATE		EDEO%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)	
	SORTS	FREQ%	-14000	1	-250	0.1%	4	547	13.1%
1	100	4.8%	-12000	7	-215	0.4%	8	1,928	46.1%
2	443	21.4%	-10000	9	-179	0.5%	12	655	15.7%
3	411	19.8%	-8000	2	-143	0.1%	16	283	6.8%
4	418	20.2%	-6000	3	-107	0.2%	20	176	4.2%
5	341	16.4%	-4000	1	-72	0.1%	24	107	2.6%
6	227	10.9%	-2000	Ô	-36	0.0%	28	88	2.1%
7	109	5.3% 1.2%	-2000	480	0	28.5%	32	54	1.3%
8 _	25	1.270	2000	8	36	0.5%	36	42	1.0%
TOTAL	2,074	•	4000	15	72	0.9%	40	34	0.8%
2 0 4 77	PT COD TS		6000	53	107	3.2%	44	33	0.8%
	E SORTS SORTS	FREQ%	8000	85	143	5.1%	48	28	0.7%
DET 9	286	13.6%	10000	129	179	7.7%	52	26	0.6%
10	461	21.9%	12000	173	215	10.3%	56	17	0.4%
11	464	22.0%	14000	172	250	10.2%	60	14	0.3%
12	393	18.7%	16000	177	286	10.5%	64	16	0.4% 0.3%
13	289	13.7%	18000	199	322	11.8%	68	13	0.3%
	157	7.5%	20000	157	358	9.3%	72	7	0.2%
14 15	55	2.6%	22000	11	394	0.7%	76	9	0.2%
-		2.0 /0	24000	0	429	0.0%	80	5	
TOTAL	2,105		26000	0	465	0.0%	84	6	0.1%
			>28000	0	0	0.0%	>84	91	2.2%
							TOTAL	4,179	
			TOTAL	1,682			TOTAL	4,179	

FREQUENCY





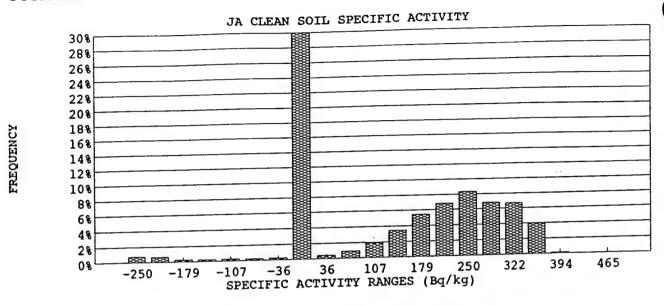


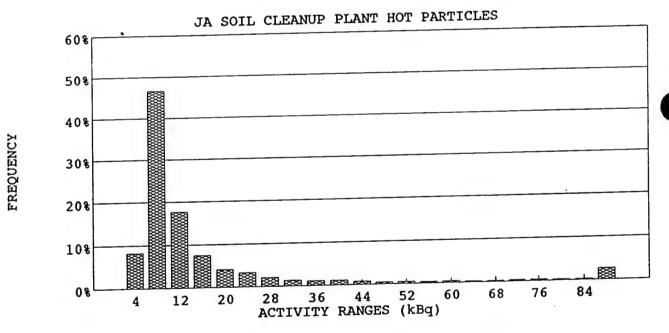


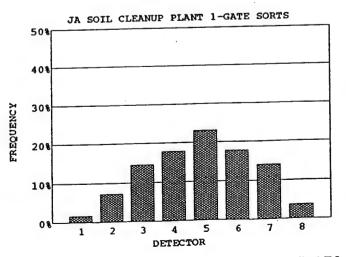
UP	PLAN	L
Į	Ur	UP PLANT

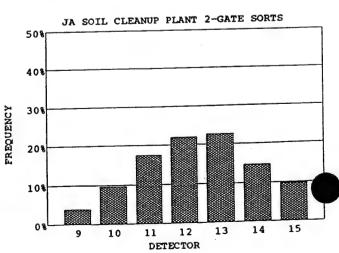
WORK DAY START LUNCH START	06:00 AM 11:00 AM		WORK DAY I TIME LOST D SORTER 2	END OURING LUNCH SORTER 3	16:30 PM 0.0 HR SORTER 4	TOTAL (sorter hours)
WORK HOURS SORTER AVAILABLE HOUR SORTER START-UP START SOIL PROCESSING TIME REQUIRED TO START SORTER SHUT-DOWN END SOIL PROCESSING TIME REQUIRED TO SHUT ACTUAL PROCESS HOURS DOWN-TIME SYSTEM PAUSE SORTER NONAVAILABLE TAUTHORIZED DELAY TIME PLANT PERFORMANCE PRODUCTIVTY	T-UP DOWN	10.5 hr 10.3 hr 06:00 06:28 0.5 hr 16:15 15:51 0.4 hr 8.5 hr 1.7 hr 0.9 hr 0.2 hr	10.5 hr 10.3 hr 06:00 06:28 0.5 hr 16:15 15:52 0.4 hr 8.5 hr 1.7 hr 0.9 hr 0.2 hr	NA 0.0 hr 0.0 hr 0.0 hr 0.0 hr 10.0 hr	10.5 hr 0.0 hr NA NA 0.0 hr NA NA 0.0 hr 0.0 hr 0.0 hr 10.0 hr	42.0 hr 20.5 hr  1.0 hr  0.8 hr 17.1 hr 3.4 hr 1.8 hr 20.5 hr 20.0 hr 83.3% 40.7%
PRODUCTIVITY  Date Contract day (from 6 Sep) Current Contract week  Soil production for Day Cumlative Soil Production for Value Soil Production for contract Since 6 Sep Since 6 Aug Total Soil production for project	act 93 ; 93	23-Mar-94 159 27 172 M' 516 M' 35,710 M' 37,301 M' 63,587 M'	E E T T P T T D	excused Delays for of excused delays for contract of excused delay montract of ercent of contract of ions Ahead or Behinays ahead or behin	ontract (sorter—hrs) (plant—days) hs (plant—month) completed ind Schedule	20 hr 2,563 hr 64 days 2.46 months 37.3% 1,852 MT 6 days

							23-	-Mar-94		
SORTE		RTER SOIL D	CNCITY	1.20 tons	:/m³	BA	ACKGROUND	IVIAI > .	0.69 ±	0.03 c/s
SOIL	30	K IEK SOIL L	ENSITT	1.20 tota	CONTAM	INATED	CLEAN		TOTA	L
					46.1 t		39.8 tons		85.9 to	ons
	LASS TOTA				55.9 1		55.9 kg			
	(AXIMUM				0.7 1	•	44.0 kg			
	INIMUMA				36.6 y	•	31.5 yd³		68.1 ye	d³
V	OLUMEIN	N-GROUND ECOVERY (CI	EAN//HOT	TO EAN)	30.0 )	46.3%				
		ECOVERT (CI	EAN(HOT	Turning			DISPERS	ED + PARTIC	LE	
ACTIV	TTY				PART	CE	нот		EAN	
							75,815 kBq		8,270 k	Ra
	OTAL				105,346 l	•	3,031 kBq	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	20 k	•
N	(AXIMUM	SORT			4,435 1	-	0 Bq		-18 k	-
	INIMUM/				2 1	kBq	1,644 Bq/kg		208 B	-
	PECIFIC A	CTIVITY					1,044 124/18			
SORTS							4.605	* 11	MEYD	PAUSE
	0-SEC PR	OCESS PERIO	DS				1,537		IME	TIME
	AI	L 80 ELEMEN	VTS SORT (N		D=0)	808		_	one	08:27
	NO	ONE (AD=0&	MD=0 & M	ND>0)		336		N	one	08:58
	SC	ME (AD>0&	O <md<mni< td=""><td>Omax&amp;MNI</td><td>)<mndmax)< td=""><td>393</td><td></td><td></td><td></td><td>09:31</td></mndmax)<></td></md<mni<>	Omax&MNI	) <mndmax)< td=""><td>393</td><td></td><td></td><td></td><td>09:31</td></mndmax)<>	393				09:31
	UI	NEXPLAINED	RECORDS		0					10:02
			AD<1kBq &		0					10:33
			)=0 & MD>		0					13:09
			)<0 & MD >	0	0		15,370			13:37
2	-SEC COU	JNT PERIODS				5,557	15,570			14:06
	2-	SEC RECOR	DS WITH SO	K12		9,813				14:35
	2-	-SEC RECOR	DS WITHOU	1 20K 12	* DEDIODS		7,094			15:05
7	TOTAL PRO	OCESS RECO	RDS (2-s SO	K 15 and 20	-s Periods	')	3			15:33
1	NONPROCI	ESSING RECO	OKDS (1est, c	anoration, c	ic)					
2		T DETECTOR		67.1%		5 DET	20	0.4%		
		DET	3,731	24.8%		6 DET	0	0.0%		
		DET	1,379 341	6.1%		7 DET	1	0.0%		
		DET	86	1.5%		8 DET	1	0.0%		
		DET TIME BETWE			8.2					
EDEO	TIENICS	DICTOR	DITTION	C						
		DISTRI			SPEC_A	EDEO%	ACT_P	NUM		FREQ%
	ESORTS		ACT_ND	NUM	(Bq/kg)	rkeQ%	(kBq)	(#)		
DEL	SORTS	FREQ%	(Bq)	(#)	-250	0.7%	4	458		8.2%
1	47	1.6%	-14000	11			8	2,591		46.6%
2	206	7.2%	-12000	10	-215 170	0.6% 0.3%	12	983		17.7%
3	415	14.6%	-10000	4	-179 -143	0.3%	16	419		7.5%
4	508	17.8%	-8000	3	-143 -107	0.2%	20	233		4.2%
5	658	23.1%	-6000	4	-107 -72	0.3%	24	185		3.3%
6	509	17.9%	-4000	3	-72 -36	0.2%	28	115		2.1%
7	401	14.1%	-2000	910	-36 0	52.6%	32	73		1.3%
8 _	105	3.7%	2000	· 810 7	36	0.5%	36	61		1.1%
TOTAL	2,849		2000	14	72	0.9%	40	61		1.1%
			4000	14 29	107	1.9%	44	44		0.8%
	ESORTS	mp no~	6000 8000	53	143		48	27		0.5%
DET	SORTS	FREQ%	10000	33 84	179	5.5%	52	27		0.5%
9	105	3.9%	12000	105	215		56	16		0.3%
10	262	9.7%	14000	128	250		60	22		0.4%
11	474	17.5%	16000	105	286		64	14		0.3%
12	594	21.9%	18000	103	322		68	15		0.3%
13	614	22.7%		61	358		72 .	17		0.3%
14	396	14.6%	20000		394		76	19		0.3%
15	263	9.7%	22000	2 0	394 429		80	15		0.3%
TOTAL	2,708		24000		465		84	15		0.3%
			26000	0			>84	147		2.6%
			>28000	0	0	0.0%	TOTAL	5,557		
			TOTAL	1,540	400	DISE	60677	ء د ديود		
EVENT?	TYPES	HPE_	5,142	MPE	180	חושב	00077			







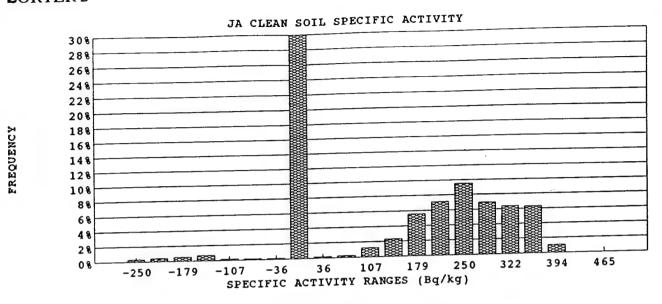


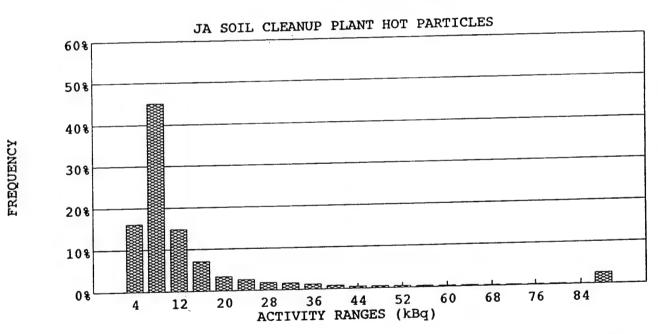
C-170

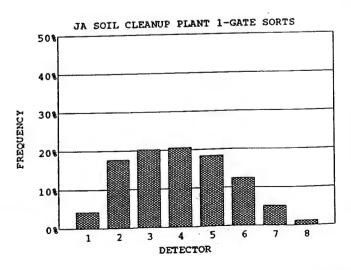
SORT	ER 2							-Mar-94	0.70	004-
	S	ORTER SOIL	DENSITY	1.20 tor	ns/m³	В	ACKGROUND		0.78	
SOIL					CONTAM	INATED	CLEAN		TOTA	
	MASS TOT	AL			44.5	tons	41.4 tons		85.9 t	ons
	MAXIMUN	I/SORT			55.9	_	55.9 kg			
	MINIMUM	SORT			0.7	-	42.6 kg			
		N-GROUNI			35.3		32.8 yd <sup>3</sup>		68.1 y	d³
	WEIGHTR	ECOVERY (	CLEAN/(HOT	(+CLEAN)	)	48.2%				
ACTI	VITY						DISPERSI	ED + PARTI	CLE	
					PART	ICLE	нот		LEAN	
	TOTAL				110.828	kBq	78,055 kBq		9,301 k	Вq
	MAXIMUN	(/SORT			4,376	kBq	2,642 kBq		21 k	Вq
	MINIMUM				2	kBq	0 Bq		-17 k	Вq
	SPECIFIC						1,752 Bq/kg		225 E	g/kg
SORT										
		OCESS PERI	ODS				1,537	ι	JNEXP	PAUSE
			ENTS SORT (	MD>0&MN	ID=0)	779		•	пме	TIME
			& MD=0 & M		,	332			10:54	08:27
	S	OME(AD>0	&0 <md<mn< td=""><td>Dmax&amp;MN</td><td>D<mndmax)< td=""><td></td><td></td><td></td><td>12:17</td><td>08:59</td></mndmax)<></td></md<mn<>	Dmax&MN	D <mndmax)< td=""><td></td><td></td><td></td><td>12:17</td><td>08:59</td></mndmax)<>				12:17	08:59
		•	D RECORDS		0					09:32
	·		<ad<1kbq &<="" td=""><td></td><td>2</td><td></td><td></td><td></td><td></td><td>10:01</td></ad<1kbq>		2					10:01
			D=0 & MD>		0					10:33
			D<0 & MD >		0					13:09
	2-SEC CO	UNT PERIOD					15,370			13:37
	2	-SEC RECOR	RDS WITH SO	ORTS		6,473				14:06
	2.	-SEC RECOR	RDS WITHOU	JT SORTS		8.897				14:35
	TOTAL PR	OCESS RECO	ORDS (2-s SC	RTS and 20	-s PERIODS	)	8,010			15:05
	NONPROC	ESSING REC	ORDS (Test,	calibration, e	etc)		1			15:33
		RTDETECTO			•					
	1	DET	4,377	67.6%		5 DET	20	0.3%		
	2	DET	1,585	24.5%		6 DET	0	0.0%		
	3	DET	406	6.3%		7 DET	0	0.0%		
	4	DET	85	1.3%		8 DET	0	0.0%		
	AVERAGE	TIME BETW	EEN 2-SEC	SORTS	7.0	sec				
FREC	UENC	Y DISTRI	BUTION	IS						
	ESORTS		ACT ND	NUM	SPEC_A	FREO%	ACT_P	NUM		FREQ%
		FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1	137	4.2%	-14000	5	-250	0.3%	4	1,045		16.1%
2	571	17.7%	-12000	7	-215	0.5%	8	2,918		45.1%
3	653	20.2%	-10000	8	-179	0.5%	12	958		14.8%
4	665	20.6%	-8000	11	-143	0.7%	16	457		7.1%
5	591	18.3%	-6000	3	-107	0.2%	20	217		3.4%
6	401	12.4%	-4000	2	-72	0.1%	24	165		2.5%
7	169	5.2%	-2000	2	-36	0.1%	28	116		1.8%
8	40	1.2%	0	780	0	50.7%	32	100		1.5%
TOTAL	3,227		2000	3	36	0.2%	36	76		1.2%
.0111	ه مقیمو ت		4000	4	72	0.3%	40	53		0.8%
2-GAT	ESORTS		6000	19	107	1.2%	44	32		0.5%
DET		FREQ%	8000	36	143	2.3%	48	33		0.5%
9	355	10.9%	10000	85	179	5.5%	52	26		0.4%
10	671	20.7%	12000	109	215	7.1%	56	20		0.3%
11	696	21.4%	14000	146	250	9.5%	60	18		0.3%
12	639	19.7%	16000	107	286	7.0%	64	17		0.3%
13	511	15.7%	18000	98	322	6.4%	68	10		0.2%
13	280	8.6%	20000	97	358	6.3%	72	14		0.2%
1.4		2.9%	22000	16	394	1.0%	· 76	11		0.2%
14 15	OA.	20.7 /0				0.0%	80	12		0.2%
15	3 246		24000	£1	429	0.070				
	3,246		24000 26000	0	429 465			7		0.1%
15			26000	0	465	0.0%	84	7		0.1%
15										

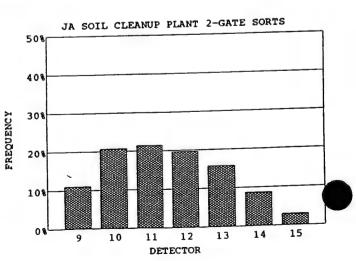
SORTER 2

23-Mar-94





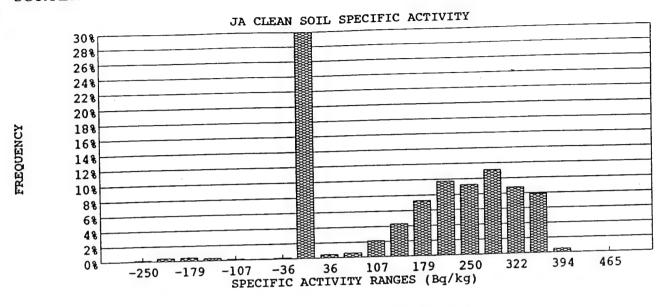


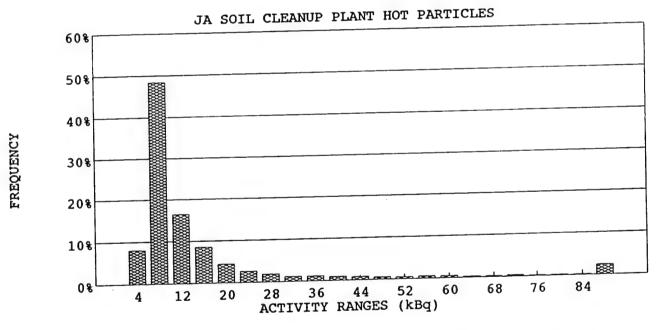


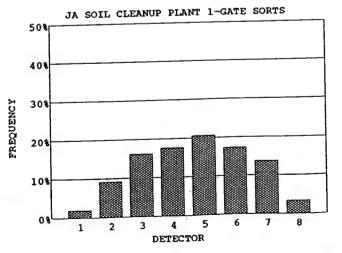
WORK HISTORY - JA SOIL	CLEANUP PLANT
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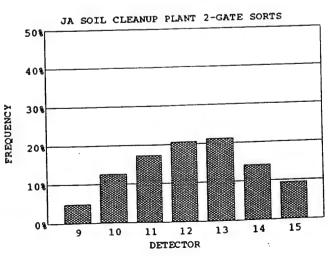
WORK DAY START	06:00 AM		WORK DAY I	END OURING LUNCH	16:30 PM 0.0 HR	
LUNCH START	11:00 AM	SORTER 1	SORTER 2		SORTER 4	TOTAL (sorter hours)
		10.5 hr	10.5 hr	10.5 hr	10.5 hr	42.0 hr
WORK HOURS		10.4 hr	10.4 hr		0.0 hr	20.8 hr
SORTER AVAILABLE HOURS	5	06:00	06:00	NA	NA	
SORTER START-UP		06:35	06:34	NA	NA	
START SOIL PROCESSING		06:33 0.6 hr	0.54 0.6 hr		0.0 hr	1.2 hr
TIME REQUIRED TO START-	-UP	•••	16:25	NA	NA	
SORTER SHUT-DOWN		16:25	16:23	NA.	NA	
END SOIL PROCESSING		16:02	0.4 hr		0.0 hr	0.8 hr
TIME REQUIRED TO SHUT D	OWN	0.4 hr	011 111		0.0 hr	17.7 hr
ACTUAL PROCESS HOURS		8.9 hr	8.8 hr		0.0 hr	3.1 hr
DOWN-TIME		1.5 hr	1.6 hr		0.0 hr	1.3 hr
SYSTEM PAUSE		0.6 hr	0.6 hi		10.0 hr	20.2 hr
SORTER NONAVAILABLE TI	ME	0.1 hr	0.1 h		10.0 hr	20.0 hr
AUTHORIZED DELAY TIME		0.0 hr	0.0 h	r 10.0 hr	10.0 111	85.0%
PLANT PERFORMANCE		•				42.2%
PRODUCTIVTY			. '			12.270
PRODUCTIVITY						
_		24 – Mar – 94	E	excused Delays for	day (sorter-hrs)	20 hr
Date		160			contract (sorter-hrs)	2,583 hr
Contract day (from 6 Sep)		27		xcused delay days		65 days
Current Contract week		2,		xcused delay mont		2.48 months
Soil production for Day		178 M	-			37.5%
Cumlative Soil Production for W	eek	694 M		ercent of contract		1,872 MT
Total Soil production for contract				Tons Ahead or Beh		•
Since 6 Sep 9		35,888 M	r I	Days ahead or behin	nd schedule	6 days
Since 6 Aug 9		37,479 M	Γ			
Total Soil production for project		63,766 M	т			

SORT	ER 1							1ar-94		0.00
JORT		RTER SOIL D	ENSITY	1.20 ton	s/m³	BA	CKGROUND		0.65	
SOIL					CONTAM	INATED	CLEAN		TOTA	
	MASS TOTA	A.T			33.2 1	ons	56.1 tons		89.3 t	ons
	MAXIMUM				55.9 1	kg	55.9 kg			
	MINIMUM/				0.7 1	kg	44.7 kg			
		N-GROUND			26.3	yd³	44.5 yd <sup>3</sup>		70.8 y	d³
	WEIGHTR	ECOVERY (CL	EAN/(HOT	+CLEAN))		62.8%				
		Ded v Bics (SE					DISPERSED	+ PARTICI	E	
ACII	VITY				PART	ICLE	нот	CL	EAN	
					58,359 1		46,007 kBq	12	,756 k	:Bq
	TOTAL				2,066	•	1,414 kBq		20 k	•
	MAXIMUM					к.Бq kBq	0 Bq		-14 k	•
	MINIMUM				3 (	къч	1,387 Bq/kg		227 E	3q/kg
	SPECIFIC A	CTIVITY					1,507 Dq/Kg			
SORT	S							IIN	ICYP	PAUSE
		OCESS PERIO	DS				1,597			TIME
	A	LL 80 ELEMEN	TS SORT (	MD>0&MN	D=0)	579			ME	
	N	ONE (AD=0&	MD=0 & M	(ND>0)		653		0	7:38	08:10
	60	OME (AD > 0&0	<md<mn< td=""><td>Dmax&amp;MNI</td><td>)<mndmax)< td=""><td>365</td><td></td><td></td><td></td><td>08:52</td></mndmax)<></td></md<mn<>	Dmax&MNI	) <mndmax)< td=""><td>365</td><td></td><td></td><td></td><td>08:52</td></mndmax)<>	365				08:52
	11	NEXPLAINED	RECORDS		o´					09:22
	U		AD<1kBq &		1					09:52
			=0 & MD>		0					10:23
			<0 & MD >		0					
	2_SEC CO	JNT PERIODS	JO GLIVIED >	-			15,970			
	2-SEC CO	-SEC RECORE	S WITH SO	ORTS		3,392				
	2-	-SEC RECORD	S WITHOU	JT SORTS		12,578				
	TOTAL PR	OCESS RECOR	DS (2-s SC	RTS and 20	-s PERIODS	5)	4,989			
	NONDROC	ESSING RECO	RDS (Test.)	calibration, e	tc)	•	4			
	2 SECSOI	T DETECTOR	\$	,	,					
		DET	2,320	68.4%		5 DET	11	0.3%		
		DET	821	24.2%		6 DET	0	0.0%		
		DET	199	5.9%		7 DET	0	0.0%		
		DET	41	1.2%		8 DET	0	0.0%		
		TIME BETWE			13.8	sec				
EDEC	AVERAGE	I DICTOIL	I ITION	IC						
		DISTRIE		NID4	SPEC_A	EDEO%	ACT_P	NUM		FREQ%
	TE SORTS		ACT_ND	NUM		FKLQ70	(kBq)	(#)		
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg) -250	0.1%	(KD4) 4	271		8.0%
1	34	1.9%	-14000	2			8	1,643		48.4%
2	160	9.1%	-12000	6	-215	0.4%	12	558		16.5%
3	284	16.2%	-10000	7	-179	0.4%	16	290		8.5%
4	309	17.7%	-8000	5	-143	0.3%	20	151		4.5%
5	361	20.6%	-6000	2	-107	0.1%	24	90		2.7%
6		17.3%	-4000	1	-72	0.1%	28	63		1.9%
7		13.7%	-2000	2	-36	0.1%	32	39		1.1%
8	59	3.4%	0	583	0	36.4%	36	40		1.2%
TOTAL	1,749		2000	7	36	0.4%	40	32		0.9%
			4000	9	72	0.6%	44	26		0.8%
	TE SORTS		6000	34	107	2.1%	48	18		0.5%
DET	SORTS	FREQ%	8000	69	143	43%	48 52	15		0.4%
9	80	4.9%	10000	117	179	7.3%		18		0.5%
10	207	12.6%	12000	156	215	9.7%	56	15		0.4%
11	284	17.3%	14000	148	250	9.2%	60	8		0.2%
12		20.6%	16000	178	286	11.1%	64	9		0.3%
13		21.2%	18000	141	322	8.8%	68			0.3%
14		14.1%	20000	126	358	7.9%	<b>7</b> 2	11		
15		9.4%	22000	8	394	0.5%	76	5		0.1%
TOTAL			24000	0	429	0.0%	80	5		0.1%
IOIAL	1,043		26000	0	465	0.0%	84	4		0.1%
			>28000	0	0	0.0%	>84	81		2.4%
			> / ((81)	U	U					
			TOTAL	1,601			TOTAL	3,392		





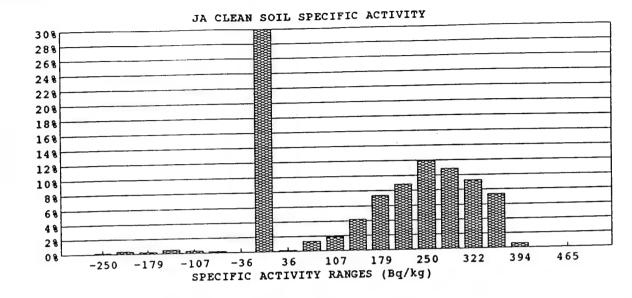


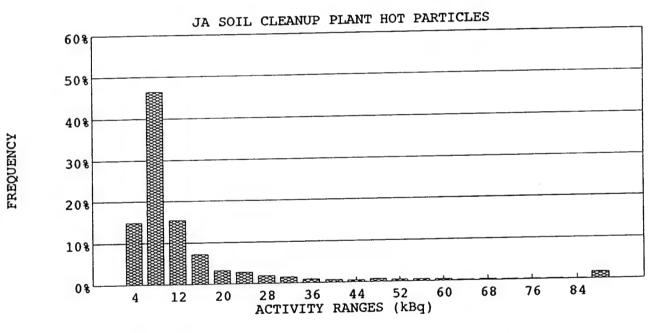


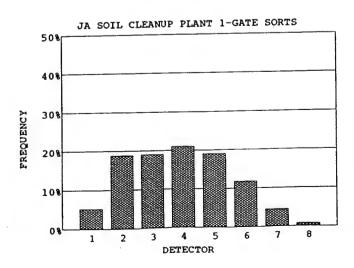
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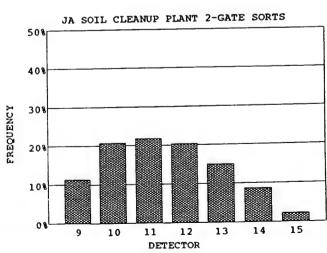
0.000	D 2						24-N	far-94	
ORTE	.R 2		CNICITY	1.20 tons/	m3	BAG	CKGROUND	0.76	± 0.03 c/
	SOI	RTER SOIL DI	ENSITY	1.20 (0115)	CONTAMIN		CLEAN	TOT	AL
OIL					31.5 to		57.4 tons	88.9	tons
M	ASS TOTA	L			55.9 kg		55.9 kg		
M	AXIMUM/	SORT			0.7 kg		41.9 kg		
M	INIMUM/S	ORT			25.0 yd		45.5 yd3	70.5	yd³
V	OLUME IN	-GROUND	CANI/IIOT	CEANN	25.0 ) =	64.6%			
		COVERY (CL	EAN/(HOT-	FUEAR			DISPERSED	+ PARTICLE	
CTIV	$\Pi \Upsilon$				D 4 D 77 (	₹ E	нот	CLEAN	Ī
					PARTIC		41,567 kBq	13,030	kBq
T	OTAL				52,260 kF	•	1,345 kBq	20	kBq
	AXIMUM/	SORT			2,319 kH	-	0 Bq	-15	kBq
	INIMUM/S				2 kF	sq	1,320 Bq/kg	227	Bq/kg
SE	PECIFIC A	CTIVITY					1,320 Dq/kg		
ORTS								INCV	PAUSE
OKIS	oronno	CESS DEDIO	DS				1,590		TIME
20	-SEC PRO	CESS PERIO L 80 ELEMEN	TS SORT (N	ID>0&MNI	)=0)	548		TIME	
	AL	D 80 ELEMEN NE (AD=0 &	MD=0& MI	ND>0)		671		07:06	08:10
	NC	ME(AD=0& ME(AD>0&0		max&MND	<mndmax)< td=""><td>371</td><td></td><td></td><td></td></mndmax)<>	371			
	SO	ME (AD>0&0 IEXPLAINED	DECUDING VIND VINIT		0				09:23
	UN	EXPLAINED	AD<1kBq &	MD>0	1				09:51
					0				10:24
			)=0 & MD>( )<0 & MD >		0				
				o .			15,900		
2	-SEC COU	NT PERIODS		PTS		3,565			
	2-	SEC RECORI	22 WITH 20	TSORTS		12,335			
	2-	SEC RECORI	22 WITHOO	DTS and 20-	-s PERIODS)		5,155		
Т	OTAL PRO	CESS RECOF	DS(2=\$ 30	alibration et	c)		2		
N	IONPROCI	ESSING RECO	OKDS ( Iest, c	anoration, co	٠,				
2		TDETECTOR		68.1%	5	DET	6	0.2%	
		DET	2,429			DET	0	0.0%	
	2 1	DEL	865	24.3%		DET	0	0.0%	
	31	DEL	220	6.2%		DET	0	0.0%	
	4 ]	DET	45	1.3%	13.1 s				
P	VERAGE	TIME BETWE	EN 2-SEC	SOK 13	13.1 3				
FREO	<b>UENCY</b>	DISTRI	BUTION	IS		roa	ACT D	NUM	FREQ%
1-GATE	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	(#)	
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	~	(kBq) 4	530	14.9%
1	92	5.2%	-14000	2	-250	0.1%		1,653	46.4%
2	334	18.8%	-12000	6	-215	0.4%	8 12	550	15.4%
3	337	19.0%	-10000	4	-179	0.3%	16	258	7.2%
4	373	21.0%	-8000	8	-143	0.5%	20	118	3.3%
5	338	19.0%	-6000	5	-107	0.3%		100	2.8%
6	208	11.7%	-4000	3	-72	0.2%	24	66	1.9%
7	79	4.5%	-2000	0	-36	0.0%	28	52	1.5%
, Я	14	0.8%	0	550	0	34.5%	32 36	30	0.8%
TOTAL	1,775		2000	2	36	0.1%	36 40	22	0.6%
IOIAL	2,7,7		4000	21	72	1.3%	40	19	0.5%
2_GAT	ESORTS		6000	30	107	1.9%	44	25	0.7%
	SORTS	FREQ%	8000	67	143	4.2%	48	17	0.5%
9	203	11.3%	10000	117	179	7.3%	52	16	0.4%
	371	20.7%	12000	141	215	8.9%	56		0.4%
10	390	21.8%	14000	189	250	11.9%	60	14	0.4%
11		20.3%	16000	173	286	10.9%	64	7	0.2%
12	364	20.3% 14.9%	18000	148	322	9.3%	68	9	0.1%
13	267	14.9% 8.7%	20000	117	358	7.3%	72	5	0.1%
	155		22000	9	394	0.6%	76	5	0.1%
14	40	2.2%	24000	Ó	429	0.0%	80	6	0.2%
15								4	0.1%
	1,790				465	0.0%	84		
15			26000	0	465 0		84 >84	59	1.7%
15						0.0% 0.0%			

FREQUENCY





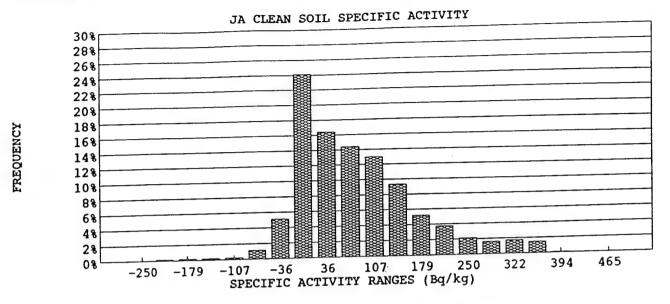


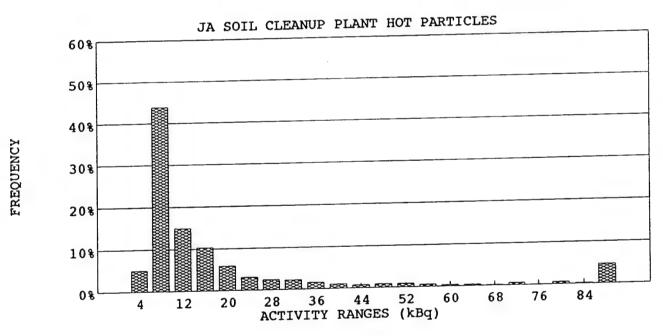


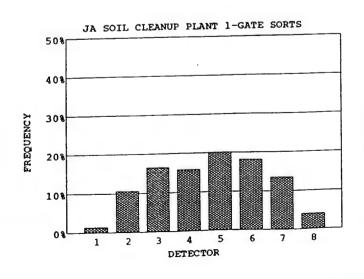
## WORK HISTORY - JA SOIL CLEANUP PLANT 25-Mar-94

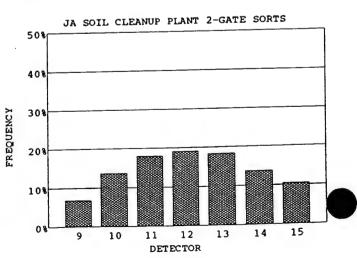
WORK DAY START	06:00 Al	М	WORK DAY E		16:30 PM	
LUNCH START	11:00 A	М	TIME LOST D	URING LUNCH	0.0 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL
		SORTERI	BORTERS			(sorter hours)
······································		10.5 hr	10.5 hr	10.5 hr	10.5 hr	42.0 hr
WORK HOURS	IIDC	10.4 hr	10.4 hr	0.0 hr	0.0 hr	20.8 hr
SORTER AVAILABLE HO	UKS	06:00	06:00	NA	NA	
SORTER START-UP	-	06:38	06:38	NA	NA	
START SOIL PROCESSING		0.6 hr	0.6 hr	0.0 hr	0.0 hr	1.3 hr
TIME REQUIRED TO STA	RI-UP	16:25	16:25	NA	NA	
SORTER SHUT-DOWN		16:09	16:08	NA	NA	
END SOIL PROCESSING	m p OWN	0.3 hr	0.3 hr	0.0 hr	0.0 hr	0.5 hr
TIME REQUIRED TO SHU		9.4 hr	9.3 hr	0.0 hr	0.0 hr	18.7 hr
ACTUAL PROCESS HOUR	ts.	1.0 hr	1.1 hr	0.0 hr	0.0 hr	2.1 hr
DOWN-TIME		0.0 hr	0.2 hr	0.0 hr	0.0 hr	0.2 hr
SYSTEM PAUSE	0.000.45	0.0 hr	0.1 hr	10.0 hr	10.0 hr	20.2 hr
SORTER NONAVAILABLE		0.0 hr	0.0 hr	10.0 hr	10.0 hr	20.0 hr
AUTHORIZED DELAY TI	ME	0.0 111	0.0 111	2010 111		89.9%
PLANT PERFORMANCE						44.6%
PRODUCTIVTY						
PRODUCTIVITY						
Date		25-Mar-94		cused Delays for d		20 hr
Contract day (from 6 Sep)		161	Ex	cused delays for co	ontract (sorter-hrs)	2,603 hr
Current Contract week		27	Ex	cused delay days (j	olant—days)	65 days
Current Contract			Ex	cused delay month	s (plant-month)	2.50 months
Soil production for Day		188 M	Γ			
Cumlative Soil Production fo	r Week	882 M	Γ Pe	rcent of contract co	ompleted	37.7%
Total Soil production for con			To	ns Ahead or Behir	nd Schedule	1,902 MT
Since 6 Se		36,076 M	r Da	ys ahead or behind	d schedule	6 days
Since 6 A		37,667 M	Г			
Total Soil production for pro	•	63,954 M	Г			
Total Soil production for pro-	,					

SORTI	ER 1						25	-Mar-94		
		RTER SOIL	DENSITY	1.20 tons			BACKGROUND		0.63 ±	
SOIL					CONTAM	NATED	CLEAN		TOTA	
	AASS TOTA	J.			14.0 t	ons	80.9 tons		94.9 to	ons
_	MAXIMUM				55.9 k	g	55.9 kg			
_	MINIMUM/				0.7 k	g	48.9 kg			
		-GROUND			11.1 y	d³	64.1 yd <sup>3</sup>		75.2 yo	d <sup>3</sup>
v	VEIGHT RI	COVERY (C	LEAN/(HOT	+CLEAN))		85.3%				
ACTIV							DISPERS	SED + PARTICI	E	
ACIIV					PART	Œ	нот	CL	EAN	
	DOTAT				21,974 k		13,980 kBq	6	,083 k	Bq
	TOTAL	CODT			4,614 k		1,756 kBq		20 k	Bq
_	MAXIMUM. MINIMUM.				•	:Bq	0 Bq		-12 k	Bq
	PECIFIC A					•	1,000 Bq/k	g	75 B	q/kg
		CHVIII								
SORTS			000				1,697	UN	NEXP	PAUSE
2	0-SEC PR	OCESS PERIO	DD2	4D> 0:03.437	D=0)	243	1,077		ME	TIME
			NTS SORT (		D-0)	1,152		. No		07:39
	N	ONE (AD=0 &	& MD=0 & M	אט>0)	AMD	302		.10		3
			0 <md<mn< td=""><td>Umax&amp;MNL</td><td>OMNDmax)</td><td>302</td><td></td><td></td><td></td><td></td></md<mn<>	Umax&MNL	OMNDmax)	302				
	Uì		D RECORDS	MDs C	0					
			<ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>		0					
			D=0 & MD>		0					
_			D<0 & MD >	0	U		16,970			
2		INT PERIOD		OT CL		581	20,570			
			DS WITH SO DS WITHOU			16,389				
	2-	SEC RECOR	DS WITHOU	DTS and 20	-c BEDIODS		2,278			
1	TOTALPRO	OCESS RECO	ODDS CTest	alibration a	-s PERIODS	,	11			
			ORDS (Test, o	anoration, c	ic)					
2		TDETECTO	421	72.5%		DET	2	0.3%		
		DET	127	21.9%		DET	0	0.0%		
		DET	26	4.5%		DET	0	0.0%		
		DET	5	0.9%		BDET	0	0.0%		
		DET TIME BETW	EEN 2-SEC		80.6					
		DISTRI	BUTION		CDEC A	ED EOØ	ACT_P	NUM		FREQ%
	ESORTS		ACT_ND	NUM	SPEC_A	rkeQ%	(kBq)	(#)		I I L L L
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	0.00%	(KDQ)	29		5.0%
1	4	1.3%	-14000	0	-250	0.0%	•	255		43.9%
2	32	10.6%	-12000	2	-215	0.1%	12	87		15.0%
3	50	16.5%	-10000	3	-179	0.2%	12 16	60		10.3%
4	48	15.8%	-8000	3	-143	0.2%	20	34		5.9%
5	61	20.1%	-6000	4	-107	0.2%	24	18		3.1%
6	55	18.2%	-4000	19	-72 36	1.1%	28	14		2.4%
7	41	13.5%	-2000	87	-36	5.1%	32	13		2.2%
8 _	12	4.0%	0	412	0	24.1%	36	9		1.5%
TOTAL	303		2000	280	36	16.4%	40	6		1.0%
			4000	246	72	14.4% 13.0%	44	4		0.7%
			6000	222	107 143	9.3%	48	5		0.9%
2-GATI	SORTS	FREQ%	8000	159	179	5.2%	52	5		0.9%
DET		6.8%	10000	89	215	3.7%	56	3		0.5%
DET 9	19		*****		213	3.170				0.3%
DET 9 10	19 38	13.7%	12000	64		2 10%	NI I	2		0.570
DET 9 10 11	19 38 50	13.7% 18.0%	14000	36	250	2.1%	60 64	2 2		0.3%
DET 9 10 11 12	19 38 50 53	13.7% 18.0% 19.1%	14000 16000	36 27	250 286	1.6%	64	2		0.3%
DET 9 10 11 12 13	19 38 50 53 51	13.7% 18.0% 19.1% 18.3%	14000 16000 18000	36 27 29	250 286 322	1.6% 1.7%	64 68	2 1		0.3% 0.2%
DET 9 10 11 12	19 38 50 53 51 38	13.7% 18.0% 19.1% 18.3% 13.7%	14000 16000 18000 20000	36 27 29 25	250 286 322 358	1.6% 1.7% 1.5%	64 68 72	2 1 3		0.3% 0.2% 0.5%
DET 9 10 11 12 13	19 38 50 53 51	13.7% 18.0% 19.1% 18.3%	14000 16000 18000 20000 22000	36 27 29 25 1	250 286 322 358 394	1.6% 1.7% 1.5% 0.1%	64 68 72 76	2 1 3 0		0.3% 0.2% 0.5% 0.0%
DET 9 10 11 12 13 14	19 38 50 53 51 38	13.7% 18.0% 19.1% 18.3% 13.7%	14000 16000 18000 20000	36 27 29 25 1 0	250 286 322 358 394 429	1.6% 1.7% 1.5% 0.1% 0.0%	64 68 72 76 80	2 1 3 0 3		0.3% 0.2% 0.5% 0.0% 0.5%
DET 9 10 11 12 13 14	19 38 50 53 51 38 29	13.7% 18.0% 19.1% 18.3% 13.7%	14000 16000 18000 20000 22000	36 27 29 25 1	250 286 322 358 394 429 465	1.6% 1.7% 1.5% 0.1% 0.0%	64 68 72 76 80 84	2 1 3 0 3 1		0.3% 0.2% 0.5% 0.0% 0.5% 0.2%
DET 9 10 11 12 13	19 38 50 53 51 38 29	13.7% 18.0% 19.1% 18.3% 13.7%	14000 16000 18000 20000 22000 24000	36 27 29 25 1 0	250 286 322 358 394 429	1.6% 1.7% 1.5% 0.1% 0.0%	64 68 72 76 80	2 1 3 0 3		0.3% 0.2% 0.5% 0.0% 0.5%

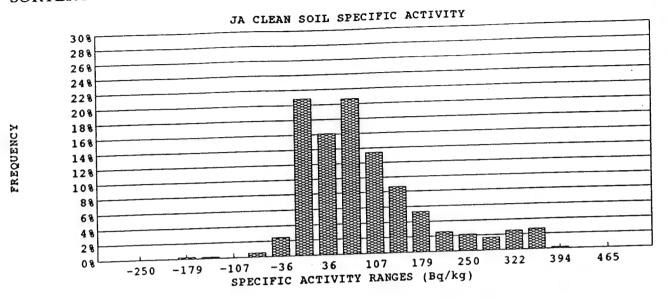


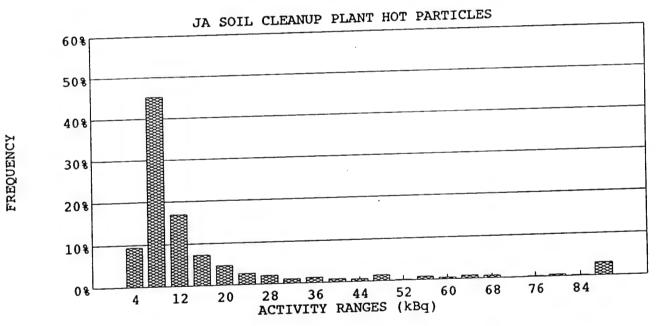


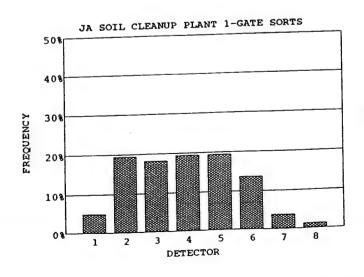


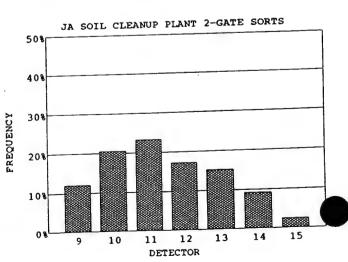


SORTER	2 2							(ar-94	
OKIE	C COP	TER SOIL DI	ENSITY	1.20 tons/n	n³	BAC	KGROUND	0.73	
OII	SUK	TER SOIL DI	CHOIT I		CONTAMIN	ATED	CLEAN	тот	
OIL					10.6 ton		83.1 tons	93.6	tons
	SS TOTAL				58.1 kg		55.9 kg		
	XIMUM/S				0.7 kg		41.2 kg		
	MMUM/SC	-GROUND			8.4 yd³	,	65.8 yd <sup>3</sup>	74.2	yd <sup>3</sup>
VO	LUME IN-	COVERY (CL	FAN/(HOT+	CLEAN))	-	88.7%			
		20 V ERCT (SE					DISPERSED	+ PARTICLE	
ACTIVI	II				PARTIC	LE	НОТ	CLEAR	
					11,325 kB	q	8,674 kBq	•	kBq
	TAL	ODT			2,156 kB	-	991 kBq		kBq
	XIMUM/S NIMUM/S(				2 kB	q	(6,087)Bq		kBq
	ECIFIC AC						821 Bq/kg	83	Bq/kg
	CIFICAC	,114111							
SORTS		OCCC BEDIO	ne				1,675		P PAUSE
20-	SECPRO	CESS PERIO L 80 ELEMEN	DS MS SODT/M	D>0&MND	=0)	180		ПМЕ	
	ALI	L 80 ELEMEN NE (AD=0 &	MD=0K1(M	ID>0)	-,	1,178		09:38	
	NO	ME(AD=0& ME(AD>0&0	<md<mnd< td=""><td>max&amp;MND</td><td><mndmax)< td=""><td>317</td><td></td><td>12:35</td><td></td></mndmax)<></td></md<mnd<>	max&MND	<mndmax)< td=""><td>317</td><td></td><td>12:35</td><td></td></mndmax)<>	317		12:35	
	SON	EXPLAINED	RECORDS		0			12:35	
	UN	רבי ועיווענים	AD<1kBq &	MD>0	2				
			=0 & MD>0		0				
			<0 & MD >		1				
2-	SEC COU	NT PERIODS					16,750		
2	2-5	SEC RECORI	OS WITH SO	RTS		491			
	2-9	SECRECORI	ONTHOU SC	<b>TSORTS</b>		16,259	2.1//		
TC	TAL PRO	CESS RECOR	RDS (2-s SO	RTS and 20-	s PERIODS)		2,166 7		
NC	NPROCE	SSING RECO	RDS (Test, ca	alibration, etc	<b>:</b> )		,		
2-	SEC SOR	T DETECTOR	RS			D. 2000	0	0.0%	
		EL	356	72.5%		DET	0	0.0%	
	2 D	ET	112	22.8%		DET	0	0.0%	
	3 D	ET	20	4.1%		DET	0	0.0%	
	4 D	ET	3	0.6%		DET	Ü		
A	/ERAGE	IIME BETWE	EN 2-SECS	ORTS	94.1 se	<u> </u>			
FREQU	JENCY	DISTRI	BUTION	S			. cor n	NUM	FREQ9
1-GATE			ACT_ND	NUM	SPEC_A F	REQ%	ACT_P	(#)	
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	0.00	(kBq)	46	9.4%
1	12	5.0%	-14000	0	-250	0.0%	4 8	222	45.2%
2	47	19.4%	-12000	0	-215 -179	0.0% 0.2%	12	83	16.9%
L			40000	4	-179	11 / 7/0	14		
3	44	18.2%	-10000	_				36	7.3%
	44 47	19.4%	-8000	3	-143	0.2%	16	36 23	4.7%
3	47 47	19.4% 19.4%	-8000 -6000	0	-143 -107	0.2% 0.0%	16 20	36 23 13	
3 4	47	19.4% 19.4% 13.6%	-8000 -6000 -4000	0 9	-143 -107 -72	0.2% 0.0% 0.5%	16 20 24	23	4.7% 2.6%
3 4 5	47 47	19.4% 19.4% 13.6% 3.7%	-8000 -6000 -4000 -2000	0 9 41	-143 -107 -72 -36	0.2% 0.0% 0.5% 2.4%	16 20 24 28	23 13 10	4.7% 2.6% 2.0%
3 4 5 6	47 47 33 9 3	19.4% 19.4% 13.6%	-8000 -6000 -4000 -2000	0 9 41 350	-143 -107 -72 -36	0.2% 0.0% 0.5% 2.4% 20.8%	16 20 24 28 32	23 13	4.7% 2.6% 2.0% 1.0% 1.2%
3 4 5 6 7	47 47 33 9	19.4% 19.4% 13.6% 3.7%	-8000 -6000 -4000 -2000 0	0 9 41 350 270	-143 -107 -72 -36 0	0.2% 0.0% 0.5% 2.4% 20.8% 16.1%	16 20 24 28 32 36	23 13 10 5	4.7% 2.6% 2.0% 1.0%
3 4 5 6 7 8 TOTAL	47 47 33 9 3 242	19.4% 19.4% 13.6% 3.7%	-8000 -6000 -4000 -2000 0 2000 4000	0 9 41 350 270 348	-143 -107 -72 -36 0 36 72	0.2% 0.0% 0.5% 2.4% 20.8% 16.1% 20.7%	16 20 24 28 32	23 13 10 5 6	4.7% 2.6% 2.0% 1.0% 1.2% 0.8% 0.6%
3 4 5 6 7 8 TOTAL	47 47 33 9 3 242 SORTS	19.4% 19.4% 13.6% 3.7% 1.2%	-8000 -6000 -4000 -2000 0 2000 4000 6000	0 9 41 350 270 348 225	-143 -107 -72 -36 0 36 72	0.2% 0.0% 0.5% 2.4% 20.8% 16.1% 20.7% 13.4%	16 20 24 28 32 36 40	23 13 10 5 6 4	4.7% 2.6% 2.0% 1.0% 1.2% 0.8% 0.6% 1.4%
3 4 5 6 7 8 TOTAL 2-GATE DET	47 47 33 9 3 242 SORTS SORTS	19.4% 19.4% 13.6% 3.7% 1.2% FREQ%	-8000 -6000 -4000 -2000 0 2000 4000 6000 8000	0 9 41 350 270 348 225 146	-143 -107 -72 -36 0 36 72 107	0.2% 0.0% 0.5% 2.4% 20.8% 16.1% 20.7% 13.4% 8.7%	16 20 24 28 32 36 40 44	23 13 10 5 6 4 3	4.7% 2.6% 2.0% 1.0% 1.2% 0.8% 0.6% 1.4%
3 4 5 6 7 8 TOTAL 2-GATE DET	47 47 33 9 3 242 SORTS SORTS 30	19.4% 19.4% 13.6% 3.7% 1.2% FREQ% 12.0%	-8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000	0 9 41 350 270 348 225 146 89	-143 -107 -72 -36 0 36 72 107 143	0.2% 0.0% 0.5% 2.4% 20.8% 16.1% 20.7% 13.4% 8.7% 5.3%	16 20 24 28 32 36 40 44	23 13 10 5 6 4 3 7	4.7% 2.6% 2.0% 1.0% 1.2% 0.8% 0.6% 1.4% 0.2%
3 4 5 6 7 8 TOTAL 2-GATE DET 9 10	47 47 33 9 3 242 SORTS SORTS 30 51	19.4% 19.4% 13.6% 3.7% 1.2% FREQ% 12.0% 20.5%	-8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000	0 9 41 350 270 348 225 146 89 43	-143 -107 -72 -36 0 36 72 107 143 179 215	0.2% 0.0% 0.5% 2.4% 20.8% 16.1% 20.7% 13.4% 8.7% 5.3% 2.6%	16 20 24 28 32 36 40 44 48 52	23 13 10 5 6 4 3 7 1 4 2	4.7% 2.6% 2.0% 1.0% 1.2% 0.8% 0.6% 1.4% 0.2% 0.8%
3 4 5 6 7 8 TOTAL 2-GATE DET 9 10 11	47 47 33 9 3 242 SORTS SORTS 30 51 58	19.4% 19.4% 13.6% 3.7% 1.2% FREQ% 12.0% 20.5% 23.3%	-8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000 14000	0 9 41 350 270 348 225 146 89 43 36	-143 -107 -72 -36 0 36 72 107 143 179 215 250	0.2% 0.0% 0.5% 2.4% 20.8% 16.1% 20.7% 13.4% 8.7% 5.3% 2.6% 2.1%	16 20 24 28 32 36 40 44 48 52 56	23 13 10 5 6 4 3 7 1 4 2	4.7% 2.6% 2.0% 1.0% 1.2% 0.8% 0.6% 1.4% 0.2% 0.8% 0.4%
3 4 5 6 7 8 TOTAL 2-GATE DET 9 10 11 12	47 47 33 9 3 242 SORTS SORTS 30 51 58 43	19.4% 19.4% 13.6% 3.7% 1.2% FREQ% 12.0% 20.5% 23.3% 17.3%	-8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000 14000 16000	0 9 41 350 270 348 225 146 89 43 36 28	-143 -107 -72 -36 0 36 72 107 143 179 215 250 286	0.2% 0.0% 0.5% 2.4% 20.8% 16.1% 20.7% 13.4% 8.7% 5.3% 2.6%	16 20 24 28 32 36 40 44 48 52 56	23 13 10 5 6 4 3 7 1 4 2 4 3	4.7% 2.6% 2.0% 1.0% 1.2% 0.8% 0.6% 1.4% 0.2% 0.8% 0.4% 0.8%
3 4 5 6 7 8 TOTAL 2-GATE DET 9 10 11 12 13	47 47 33 9 3 242 SORTS SORTS 30 51 58 43 38	19.4% 19.4% 13.6% 3.7% 1.2% FREQ% 12.0% 20.5% 23.3% 17.3% 15.3%	-8000 -6000 -4000 -2000 0 2000 4000 6000 8000 12000 14000 16000 18000	0 9 41 350 270 348 225 146 89 43 36 28 42	-143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322	0.2% 0.0% 0.5% 2.4% 20.8% 16.1% 20.7% 13.4% 8.7% 5.3% 2.6% 2.1% 1.7%	16 20 24 28 32 36 40 44 48 52 56 60 64	23 13 10 5 6 4 3 7 1 4 2 4 3 0	4.7% 2.6% 2.0% 1.0% 1.2% 0.8% 0.6% 1.4% 0.2% 0.8% 0.4% 0.6%
3 4 5 6 7 8 TOTAL 2-GATE DET 9 10 11 12 13 14	47 47 33 9 3 242 SORTS SORTS 30 51 58 43 38 23	19.4% 19.4% 13.6% 3.7% 1.2% FREQ% 12.0% 20.5% 23.3% 17.3% 15.3% 9.2%	-8000 -6000 -4000 -2000 0 2000 4000 6000 8000 12000 14000 16000 18000 20000	0 9 41 350 270 348 225 146 89 43 36 28 42	-143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358	0.2% 0.0% 0.5% 2.4% 20.8% 16.1% 20.7% 13.4% 8.7% 5.3% 2.6% 2.1% 1.7% 2.5% 2.7%	16 20 24 28 32 36 40 44 48 52 56 60 64 68	23 13 10 5 6 4 3 7 1 4 2 4 3 0	4.7% 2.6% 2.0% 1.0% 1.2% 0.8% 0.6% 1.4% 0.2% 0.8% 0.4% 0.8% 0.6%
3 4 5 6 7 8 TOTAL 2-GATE DET 9 10 11 12 13 14 15	47 47 33 9 3 242 SORTS SORTS 30 51 58 43 38 23 6	19.4% 19.4% 13.6% 3.7% 1.2% FREQ% 12.0% 20.5% 23.3% 17.3% 15.3%	-8000 -6000 -4000 -2000 0 2000 4000 6000 8000 12000 14000 16000 18000 20000 22000	0 9 41 350 270 348 225 146 89 43 36 28 42 45	-143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322	0.2% 0.0% 0.5% 2.4% 20.8% 16.1% 20.7% 13.4% 8.7% 5.3% 2.6% 2.1% 1.7% 2.5%	16 20 24 28 32 36 40 44 48 52 56 60 64 68 72	23 13 10 5 6 4 3 7 1 4 2 4 3 0 1	4.7% 2.6% 2.0% 1.0% 1.2% 0.8% 0.6% 1.4% 0.2% 0.8% 0.4% 0.2% 0.4% 0.6%
3 4 5 6 7 8 TOTAL 2-GATE DET 9 10 11 12 13 14	47 47 33 9 3 242 SORTS SORTS 30 51 58 43 38 23	19.4% 19.4% 13.6% 3.7% 1.2% FREQ% 12.0% 20.5% 23.3% 17.3% 15.3% 9.2%	-8000 -6000 -4000 -2000 0 2000 4000 6000 8000 12000 14000 16000 18000 20000 22000 24000	0 9 41 350 270 348 225 146 89 43 36 28 42 45 3	-143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358 394	0.2% 0.0% 0.5% 2.4% 20.8% 16.1% 20.7% 13.4% 8.7% 5.3% 2.6% 2.1% 1.7% 2.5% 2.7% 0.2%	16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76	23 13 10 5 6 4 3 7 1 4 2 4 3 0 1 2	4.7% 2.6% 2.0% 1.0% 1.2% 0.8% 0.6% 1.4% 0.2% 0.8% 0.4% 0.2% 0.0% 0.0%
3 4 5 6 7 8 TOTAL 2-GATE DET 9 10 11 12 13 14 15	47 47 33 9 3 242 SORTS SORTS 30 51 58 43 38 23 6	19.4% 19.4% 13.6% 3.7% 1.2% FREQ% 12.0% 20.5% 23.3% 17.3% 15.3% 9.2%	-8000 -6000 -4000 -2000 0 2000 4000 6000 8000 12000 14000 16000 18000 20000 22000 24000	0 9 41 350 270 348 225 146 89 43 36 28 42 45 3	-143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358 394 429 465	0.2% 0.0% 0.5% 2.4% 20.8% 16.1% 20.7% 13.4% 8.7% 5.3% 2.6% 2.1% 1.7% 2.5% 2.7% 0.2% 0.0%	16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80	23 13 10 5 6 4 3 7 1 4 2 4 3 0 1	4.7% 2.6% 2.0% 1.0% 1.2% 0.8% 0.6% 1.4% 0.2% 0.8% 0.4% 0.2% 0.4% 0.6%
3 4 5 6 7 8 TOTAL  2-GATE DET 9 10 11 12 13 14 15	47 47 33 9 3 242 SORTS SORTS 30 51 58 43 38 23 6	19.4% 19.4% 13.6% 3.7% 1.2% FREQ% 12.0% 20.5% 23.3% 17.3% 15.3% 9.2%	-8000 -6000 -4000 -2000 0 2000 4000 6000 8000 12000 14000 16000 18000 20000 22000 24000	0 9 41 350 270 348 225 146 89 43 36 28 42 45 3	-143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358 394 429	0.2% 0.0% 0.5% 2.4% 20.8% 16.1% 20.7% 13.4% 8.7% 5.3% 2.6% 2.1% 1.7% 2.5% 2.7% 0.2% 0.0%	16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84	23 13 10 5 6 4 3 7 1 4 2 4 3 0 1 2	4.7% 2.6% 2.0% 1.0% 1.2% 0.8% 0.6% 1.4% 0.2% 0.8% 0.4% 0.2% 0.0% 0.0%









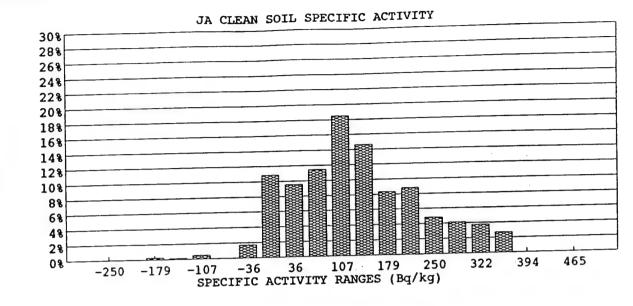
## WORK HISTORY - JA SOIL CLEANUP PLANT

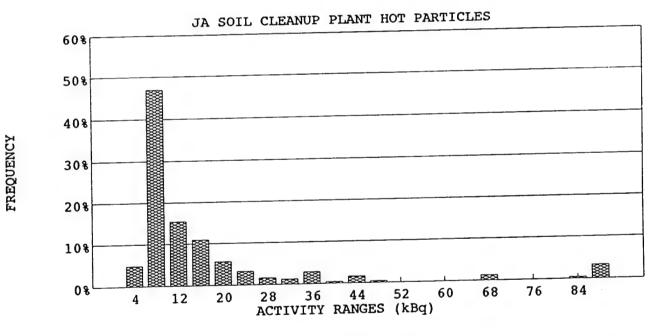
26-Mar-94

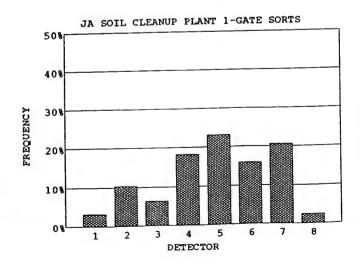
WORK DAY START	05:00 AM	,	WORK DAY I	END	15:30 PM	
LUNCH START	11:00 AM			URING LUNCH	0.5 HR	
<b>DOTION</b>		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL (sorter hours)
WORK HOURS		10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
SORTER AVAILABLE HO	URS	5.2 hr	5.2 hr	0.0 hr	0.0 hr	10.5 hr
SORTER START-UP	· Onto	05:45	05:45	NA	NA	
START SOIL PROCESSING	rs.	06:04	06:04	NA	NA	
TIME REQUIRED TO STA		0.3 hr	0.3 hr	0.0 hr	0.0 hr	0.7 hr
	akı – oı	11:00	11:00	NA	NA	
SORTER SHUT-DOWN		10:38	10:39	NA	NA	
END SOIL PROCESSING	TT DOWN	0.4 hr	0.3 hr	0.0 hr	0.0 hr	0.7 hr
TIME REQUIRED TO SHO		4.6 hr	4.6 hr	0.0 hr	0.0 hr	9.2 hr
ACTUAL PROCESS HOUR	KS	0.7 hr	0.7 hr	0.0 hr	0.0 hr	1.3 hr
DOWN-TIME		0.0 hr	0.0 hr		0.0 hr	0.0 hr
SYSTEM PAUSE	ETIME	4.8 hr	4.8 hr		10.0 hr	29.5 hr
SORTER NONAVAILABL		0.0 hr	0.0 hr	10.0 hr	10.0 hr	20.0 hr
AUTHORIZED DELAY T	IME	0.0 111				87.1%
PLANT PERFORMANCE						22.9%
PRODUCTIVTY						
PRODUCTIVITY						
Date		26 – Mar – 94	E	xcused Delays for	day (sorter-hrs)	20 hr
Contract day (from 6 Sep)		162	E	xcused delays for c	ontract (sorter-hrs)	2,623 hr
Current Contract week		27	E	xcused delay days (	(plant-days)	66 days
Current Contract wook			Е	xcused delay mont	hs (plant – month)	2.52 months
Soil production for Day		92 MT	•			
Cumlative Soil Production for	or Week	974 MT	P	ercent of contract	completed	37.8%
Total Soil production for con			Т	ons Ahead or Behi	ind Schedule	1,835 MT
Since 6 Se		36,168 MT	r D	ays ahead or behir	nd schedule	6 days
Since 6 A	•	37,759 MT				
Total Soil production for pro	-	64,046 MT	7			
Total Soil production for pro	-,					

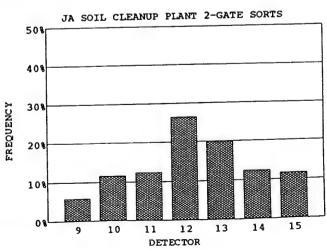
ORTE	2D 1						26-	Mar-94	
OKIE	EK I	RTER SOIL D	FNSITY	1.20 tons/	/m³	BA	CKGROUND		$3 \pm 0.02  c$
OII	50	R TER SUIL D	CI43III	1.20 1012,	CONTAMI	NATED	CLEAN	TC	TAL
OIL		_			3.3 to		42.7 tons	45.	9 tons
	ASS TOTA				55.9 kg		55.9 kg		
	AXIMUM/				0.7 kg		51.7 kg		
M	INIMUM/S	ORI			2.6 yo		33.8 yd <sup>3</sup>	36	.4 yd³
V	OLUMEIN	-GROUND	CAN//HOT.	LCI EAN))	,-	92.9%			
		COVERY (CL	EAMINOT	( CLASSIC)			DISPERSE	D + PARTICLE	
CTIV	TTY				PARTI	OT E	нот	CLEA	N.
							3,152 kBq	5.25	2 kBq
Т	OTAL				4,225 kl		164 kBq		0 kBq
M	(AXIMUM/	SORT			303 ki	•	0 Bq		1 kBq
M	INIMUM/S	ORT			3 k	вq	966 Bq/kg		23 Bq/kg
	PECIFIC A						300 Dq/kg		
ORTS								LIME	XP PAUSE
2111	O-SEC PRO	OCESS PERIO	DS				822	TIM	
2	AT	L 80 ELEMEN	TS SORT (N	1D>0&MNI	)=0)	52			-
	NC	NE (AD=0&	MD=0 & M	ND>0)		490		None	MOUC
	N	ME (AD > 0&0	<md<mni< td=""><td>max&amp;MND</td><td><mndmax)< td=""><td>280</td><td></td><td></td><td></td></mndmax)<></td></md<mni<>	max&MND	<mndmax)< td=""><td>280</td><td></td><td></td><td></td></mndmax)<>	280			
	118	NEXPLAINED	RECORDS		0				
	Or	ے ۱	AD<1kBq &	MD>0	0				
-			=0 & MD>		0				
			<0 & MD >		0				
	CEC COT	INT PERIODS	100011111				8,220		
2	-SECCOL	SEC RECORI	OS WITH SO	RTS		247			
	2-	SEC RECORI	OS WITHOU	TSORTS		7,973			
7	-2 DDC TAI DDC	OCESS RECOR	DS (2-s SO	RTS and 20-	-s PERIODS)		1,069		
	ONDECC	ESSING RECO	RDS (Test o	alibration, et	c)		6		
7	CECCOD	TDETECTOR	5		•				
2		DET	180	72.9%	5	DET	1	0.4%	
		DET	54	21.9%	6	DET	0	0.0%	
		DET	11	4.5%	7	DET	0	0.0%	
		DET	1	0.4%	8	DET	0	0.0%	
	AVEDAGE	TIME BETWE	EN 2-SEC	SORTS	91.3 s	ес			
TD EO	TIENICS	DISTRII	RITION	S					
KEQ	UENCI	DISTRI	ACT AT	NUM	SPEC_A	FREO%	ACT_P	NUM	FREQ9
	ESORTS		ACT_ND	(#)	(Bq/kg)		(kBq)	(#)	
	SORTS	FREQ%	(Bq)	(*)	-250	0.0%	4	12	4.9%
	4	3.2%	-14000	_	-215	0.0%	8	116	47.0%
2	13	10.3%	-12000	0	-179	0.2%	12	38	15.4%
3	8	6.3%	-10000	2	-173 -143	0.1%	16	27	10.9%
4	23	18.3%	-8000	1	-143 -107	0.5%	20	14	5.7%
5	29	23.0%	-6000	4	-107 -72	0.0%	24	8	3.2%
6	20	15.9%	-4000	0	-72 -36	1.7%	28	4	1.6%
7	26	20.6%	-2000	14	-30	10.9%	32	3	1.2%
8	3	2.4%	0	. 90	36	9.5%	36	7	2.8%
TAL	126		2000	79 05	72	11.5%	40	1	0.4%
			4000	95	107	18.5%	44	4	1.6%
	<b>ESORTS</b>		6000	153	143	14.6%	48	1	0.4%
DET	SORTS	FREQ%	8000	121	179	8.3%	52	0	0.0%
9	7	5.8%	10000	69	215	8.8%	56	0	0.0%
10	14	11.6%	12000	73	250	4.8%	60	0	0.0%
11	15	12.4%	14000	40	286	4.1%	64	0	0.0%
12	32	26.4%	16000	34	322	3.7%	68	3	1.2%
13	24	19.8%	18000	31		2.7%	72	0	0.0%
14	. 15	12.4%	20000	22	358		72 76	0	0.0%
15	14	11.6%	22000	0	394	0.0%	76 80	0	0.0%
TOTAL	121		24000	0	429	0.0%		1	0.4%
			26000	0	465	0.0%	84		3.2%
			>28000	0	0	0.0%	>84	8	J.2 /
			TOTAL	828			TOTAL	247	
		HPE	248	MPE	369	DISE	4054		

FREQUENCY



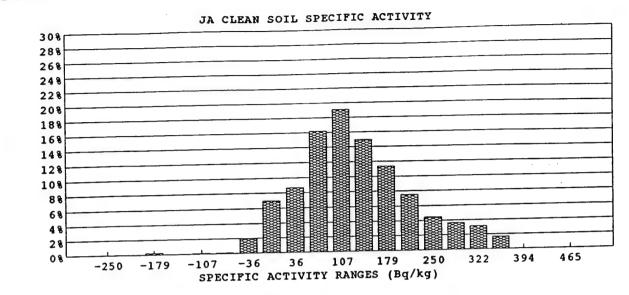


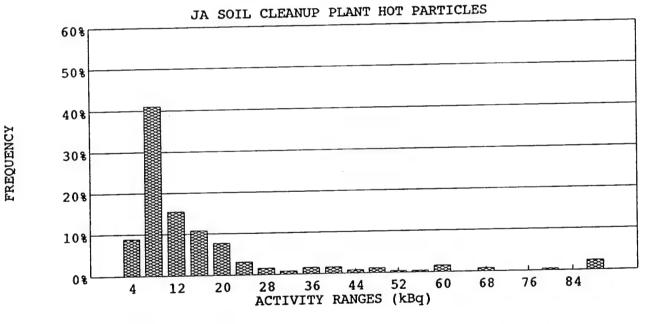


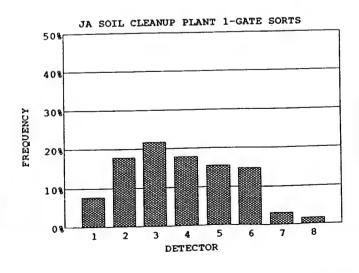


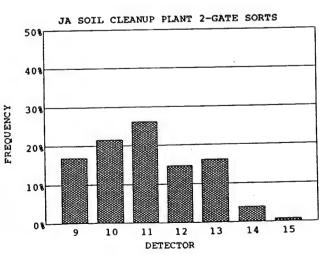
SORTE	R 2							Mar-94	
OKIE		RTER SOIL D	ENSITY	1.20 ton	s/m³	BA	CKGROUND	0.71	
OIL	30	KILKOOLEO			CONTAMI	NATED	CLEAN	тот	
	4 CC TOTA	*			1.1 to		45.0 tons	46.1	tons
	ASS TOTA				55.9 k	g	55.9 kg		
	AXIMUM/				0.7 k	g	50.3 kg		
	INIMUM/S	-GROUND			0.9 y	-	35.7 yd <sup>3</sup>	36.6	yd³
V	DEOMETE	COVERY (CI	FAN//HOT	+CLEAN))	-	97.5%			
		COVERT	224(200				DISPERSED	+ PARTICLE	
ACTIV	II Y				PARTI	CI E	НОТ	CLEAN	1
					4,305 k		2,198 kBq	5,193	kBq
	OTAL	non#			399 k	-	278 kBq	20	kBq
	AXIMUM/				3 k	•	0 Bq	-10	kBq
	INIMUM/S					•	1,940 Bq/kg	115	Bq/kg
	ECIFIC A	CHVITY							
SORTS							825	UNEX	P PAUSE
20	-SEC PRO	CESS PERIO	DS	(D. 003/3)	m-0)	14		TIME	TIME
	AL	L 80 ELEMEN	VIS SORT (N	AD>U&MN	D=0)	554		None	None
	NO	NE (AD=0 &	MD=0&M	ND>0)	D~MMD~~~\	257			
	so	ME(AD>0&0	O <md<mni< td=""><td>Jmax&amp;MNI</td><td>O<wndmax)< td=""><td>201</td><td></td><td></td><td></td></wndmax)<></td></md<mni<>	Jmax&MNI	O <wndmax)< td=""><td>201</td><td></td><td></td><td></td></wndmax)<>	201			
	UN	IEXPLAINED		MD: A	0				
			AD<1kBq &		0				
			)=0 & MD>		0				
			)<0 & MD >	0	U		8,250		
2-	-SEC COU	INT PERIODS	S	n.200		259	0,200		
	2-	SEC RECORI	DS WITH SO	K12		7,991			
	2-	SEC RECORI	DS WITHOU	TSOR IS	- BEDIODS		1,084		
T	OTAL PRO	CESS RECO	RDS (2-s SO	RTS and 20	-s PERIODS	)	4		
N	ONPROCE	ESSING RECO	ORDS (Test, o	alibration, e	etc)		•		
2-	-SEC SOR	T DETECTOR				DET	0	0.0%	
	1 I	DEL	196	75.7%		DET	0	0.0%	
	2 I	DET	55	21.2%		_	0	0.0%	
	3 [	DET	8	3.1%		DET	0	0.0%	
		DET	0	0.0%		DET	v	0.070	
A	VERAGE	TIME BETWE	EEN 2-SEC	SORTS	84.2 9	iec			
FREO	<b>JENCY</b>	DISTRI	BUTION	S			. com n	NUM	FREQ%
1-GATE	SORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P		TREQU
DET		FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#) 23	8.9%
1	10	7.8%	-14000	0	-250	0.0%	4	106	40.9%
2	23	17.8%	-12000	0	-215	0.0%	8	40	15.4%
3	28	21.7%	-10000	2	-179	0.2%	12	28	10.8%
4	23	17.8%	-8000	0	-143	0.0%	16	20	7.7%
5	20	15.5%	-6000	1	-107	0.1%	20	20 8	3.1%
6	19	14.7%	-4000	1	-72		24	4	1.5%
7	4	3.1%	-2000°	16	-36	1.9%	28	2	0.8%
8	2	1.6%	0	58	0	7.0%	32	4	1.5%
TOTAL	129		2000	72	36	8.7%	36	-	1.5%
LOINE			4000	134	72	16.2%	40	4	0.8%
2-GATE	SORTS		6000	158	107	19.1%	44	2	1.2%
	SORTS	FREQ%	8000	124	143	15.0%	48	3	0.4%
9	22	16.9%	10000	94	179	11.3%	52	1	0.4%
10	28	21.5%	12000	62	215	7.5%	56	1	1.5%
11	34	26.2%	14000	37	250	4.5%	60	4	0.0%
12	19	14.6%	16000	30	286	3.6%	64	0	0.0%
13	21	16.2%	18000	26	322	3.1%	68	2	0.0%
	5	3.8%	20000	14	358	1.7%	72	0	0.0%
1.4	1	0.8%	22000	0	394	0.0%	76	0	0.4%
14 15		3.0,70	24000	0	429	0.0%	80	1	0.4%
15 _	130					0.007	84	0	U.U70
	130		26000	0	465	0.0%			~ ~~
15 _	130		26000 >28000		465	0.0%	>84	6_	2.3%
15 _	130		26000 >28000 TOTAL	0 0 829					2.3%

FREQUENCY





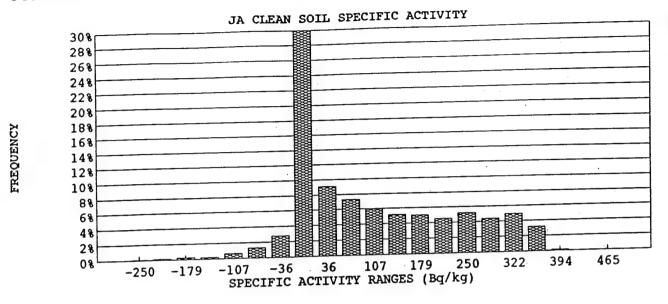


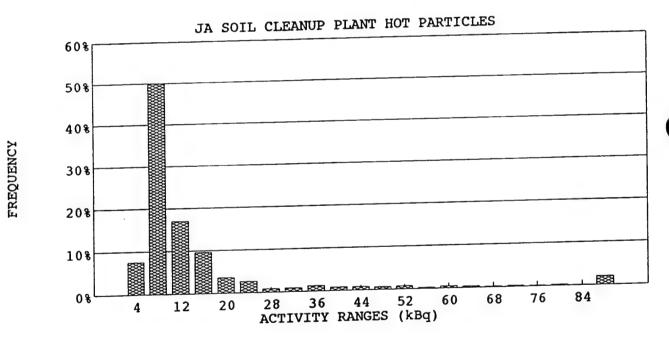


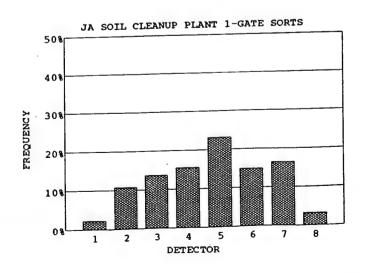
WORK HISTORY - JA SOIL CLEANUP PLANT	28-Mar-94

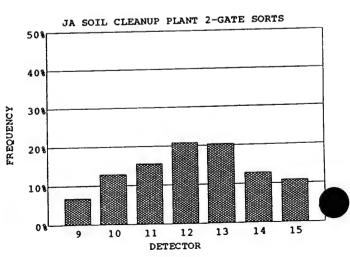
WORK DAY START	06:00 AM		WORK DAY E		16:30 PM	
LUNCH START	11:00 AM	ſ	TIME LOST DU	URING LUNCH	0.0 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL (sorter hours)
WARY MATTE		10.5 hr	10.5 hr	10.5 hr	10.5 hr	42.0 hr
WORK HOURS SORTER AVAILABLE HOUR	25	10.5 hr	10.5 hr	0.0 hr	0.0 hr	21.0 hr
	(5	06:00	06:00	NA	NA	
SORTER START-UP START SOIL PROCESSING		06:41	06:41	NA	NA	
TIME REQUIRED TO STAR	T-UP	0.7 hr	0.7 hr	0.0 hr	0.0 hr	1.4 hr
		16:30	16:30	NA	NA	
SORTER SHUT-DOWN		16:10	16:11	NA	NA	
END SOIL PROCESSING	DOWN	0.3 hr	0.3 hr	0.0 hr	0.0 hr	0.6 hr
TIME REQUIRED TO SHUT	DOWN	8.5 hr	9.3 hr	0.0 hr	0.0 hr	17.8 hr
ACTUAL PROCESS HOURS		2.0 hr	1.2 hr	0.0 hr	0.0 hr	3.2 hr
DOWN-TIME		1.0 hr	0.3 hr	0.0 hr	0.0 hr	1.3 hr
SYSTEM PAUSE	TME	0.0 hr	0.0 hr	10.0 hr	10.0 hr	20.0 hr
SORTER NONAVAILABLE		0.0 hr	0.0 hr	10.0 hr	10.0 hr	20.0 hr
AUTHORIZED DELAY TIM	E	0.0 1.1				84.7%
PLANT PERFORMANCE						42.3%
PRODUCTIVTY						
PRODUCTIVITY						
Data		28-Mar-94		cused Delays for o		20 hr
Date Contract day (from 6 Sep)		163	Ex	cused delays for c	ontract (sorter-hrs)	2,643 hr
Current Contract week		28		cused delay days (		66 days
Current Contract week			Ex	cused delay mont	hs (plant-month)	2.54 month
Soil production for Day		179 M				
Cumlative Soil Production for	Week	179 M7		rcent of contract of		37.9%
Total Soil production for contra				ons Ahead or Behi		1,856 MT
Since 6 Sep		36,347 MT	r Da	ays ahead or behir	nd schedule	6 days
Since 6 Aug		37,938 M				
Total Soil production for proje		64,225 M	r			

ORTE	R 1							Mar-94	
		RTER SOIL DE	ENSITY	1.20 tons/	/m³	BA	CKGROUND	0.64	
SOIL	301	KILKOOLEDI	3.1011		CONTAMI	NATED	CLEAN	TOT	AL
	4 CC TOTA				31.8 to		53.7 tons	85.5	tons
	ASS TOTA! AXIMUM/S				58.1 kg		55.9 kg		
	NIMUM/S				0.7 kg	•	44.7 kg		
		-GROUND			25.2 yo	3	42.6 yd <sup>3</sup>	67.8	yd³
W	FIGHTRE	COVERY (CL	EAN/(HOT-	(CLEAN))		62.8%			
ACTIVI		00.1111					DISPERSE	+ PARTICLE	
ACTIVI	111				PARTI	CLE	нот	CLEAN	I
					23,400 kl		27,280 kBq	6,825	kBq
	TAL	non T			1,850 k	•	1,076 kBq	20	kBq
	AXIMUM/				3 k	-	(17,159)Bq	-14	kBq
	INIMUM/S					- 1	858 Bq/kg	127	Bq/kg
	ECIFIC AC	CHVIII			,				
SORTS							1,529	UNEXI	PAUSE
20	-SEC PRO	CESS PERIOI	OS			555	1,029	TIME	
	AL	L 80 ELEMEN	IS SORT (M	ID>0&MNL	)=U)	555 570		08:32	
	NC	NE (AD=0 & 1	MD=0 & MI	ND>0)	-1 (ATD)	570 404		10:17	
	so	ME(AD>0&0	<md<mni< td=""><td>)max&amp;MND</td><td><mndmax)< td=""><td>404</td><td></td><td>10:19</td><td></td></mndmax)<></td></md<mni<>	)max&MND	<mndmax)< td=""><td>404</td><td></td><td>10:19</td><td></td></mndmax)<>	404		10:19	
	UN	EXPLAINED	RECORDS	MD: 0	0			13:01	
			AD<1kBq &		1		,	13:02	
			=0 & MD>0		i 4				12:22
			<0 & MD >	U	4		15,290		13:01
2-	-SEC COU	NT PERIODS	0.3377777.50	n TC		1,426			13:40
	2-	SEC RECORD	S WITH SO	K IS TCODTS		13.864			
	2-	SEC RECORD	200 + 20	DTS and 20-	e PERIODS)		2,955		
Τ	OTAL PRO	CESS RECOR	DS (2-8 50	elibration et	-\$1 EKTODS)		6		
N	ONPROCE	SSING RECO	KDS ( lest c	anoration, ct	٠,				
2-		TDETECTOR		73.8%	5	DET	0	0.0%	
		ET	1,053 303	21.2%		DET	0	0.0%	
		ET	63	4.4%		DET	0	0.0%	
		ET	7	0.5%		DET	0	0.0%	
		DET TIME BETWE	•		29.0 s				
		DISTRIE			CDEC A	ED EO%	ACT_P	NUM	FREQ%
1-GATE			ACT_ND	NUM	SPEC_A	rkeQ%	(kBq)	(#)	
DET :	SORTS	FREQ%	(Bq)	(#)	(Bq/kg) -250	0.1%	4	108	7.6%
1	17	2.3%	-14000	1			8	712	49.9%
2	81	10.8%	-12000	2	-215	0.1% 0.3%	12	242	17.0%
3	103	13.7%	-10000	4	-179	0.2%	16	138	9.7%
4	117	15.6%	-8000	3	-143 -107	0.2%	20	52	3.6%
5	<b>5 174</b>	23.1%	-6000	10	-107 -72	1.3%	24	38	2.7%
6	112	14.9%	-4000	20	-72 -36	2.7%	28	11	0.8%
7	124	16.5%	-2000	42 611	-30	39.8%	32	12	0.8%
8 _	24	3.2%	0	611	36	9.1%	36	18	1.3%
TOTAL	752		2000	140	72	7.3%	40	11	0.8%
			4000	112 91	107	5.9%	44	11	0.8%
2-GATE		rn ro~	6000	79	143	5.1%	48	9	0.6%
	SORTS	FREQ%	8000	19 77	179	5.0%	52	10	0.7%
9	46	6.8%	10000	69	215	4.5%	56	3	0.2%
10	87	12.9%	12000	80	250	5.2%	60	7	0.5%
11	105	15.6%	14000 16000	67	286	4.4%	64	4	0.3%
12	140	20.8%	18000	76	322	5.0%	68	2	0.1%
13	137	20.3%		76 49	358	3.2%	72	3	0.2%
14	86	12.8%	20000		394	0.1%	76	2	0.1%
15	73	10.8%	22000	2	429	0.1%	80	3	0.2%
TOTAL	674		24000	0			84	1	0.1%
2			26000	0	465	0.0% 0.0%	>84 >84	29_	2.0%
			. 00000	^	0	0.0%	>04	47	
			>28000 TOTAL	1,535	U	0.070	TOTAL	1,426	

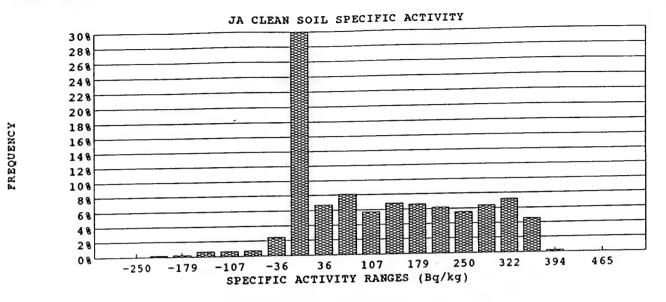


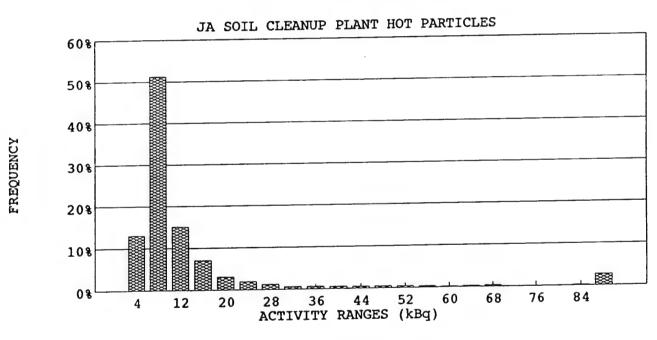


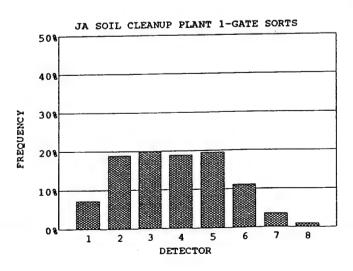


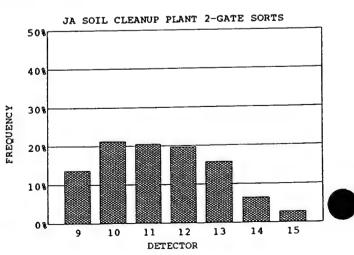


SORT	ER 2							Mar-94	0.73	
	SC	ORTER SOIL	DENSITY	1.20 tor			ACKGROUND		0.73	
SOIL					CONTAM	INATED	CLEAN		TOTA	
1	MASS TOTA	AL			26.7	tons	66.8 tons		93.5 t	ons
1	MAXIMUM	SORT			58.1	•	55.9 kg			
	MINIMUM/				0.7	-	43.3 kg		741.	.11
		N-GROUND			21.2		52.9 yd <sup>3</sup>		74.1 y	,a,
,	WEIGHTR	ECOVERY (C	LEAN/(HOT	'+CLEAN))		71.5%				
ACTIV	VITY						DISPERSE			
					PART	ICLE	HOT	•	CLEAN	
•	TOTAL				40,961	kBq	30,232 kBq		9,842 1	-
1	MAXIMUM	/SORT			6,264	kBq	4,089 kBq		21 1	-
1	MINIMUM/	SORT			2	kBq	(12,130)Bq		-12 )	
	SPECIFIC A	CTIVITY					1,133 Bq/kg		147 E	3q/kg
SORT	S									
- 2	20-SEC PR	OCESS PERIO	ODS				1,672			PAUSE
	A	LL 80 ELEME	NTS SORT	MD>0&MN	ID=0)	454			TIME	TIME
	N	ONE (AD=0 &	& MD=0 & M	ND>0)		610			08:32	08:28
	SC	OME (AD>0&	:0 <md<mn< td=""><td>Dmax&amp;MN</td><td></td><td>608</td><td></td><td></td><td>08:41</td><td>08:42</td></md<mn<>	Dmax&MN		608			08:41	08:42
	U	NEXPLAINE			0				10:17	08:44
			<ad<1kbq &<="" td=""><td></td><td>1</td><td></td><td></td><td></td><td></td><td>10:13 11:18</td></ad<1kbq>		1					10:13 11:18
		- 1	D=0 & MD>		0					11:10
			D<0 & MD >	•0	2		16 720			
2		JNT PERIOD		n TC		1,583	16,720			
		-SEC RECOR				15,137				
	2-	-SEC RECOR	DS WITHOU	DI 20K 12	- BEDIADS		3,255			
ĺ	TOTALPRO	OCESS RECO	ORDS (Z-s SC	ok 15 and 20	-S PERIODS	")	4			
1	NONPROC	ESSING RECO	UKDS (Test, c	anoration, c	ic)		7			
			1,170	73.9%		5 DET	10	0.6%		
		DET	335	21.2%		6 DET	0	0.0%		
		DET	53	3.3%		7 DET	0	0.0%		
		DET	15	0.9%		8 DET	0	0.0%		
		TIME BETW			28.6					
		DISTRI								
		DISTRI		NUM	SPEC_A	EDEO%	ACT_P	NUM		FREO%
	ESORTS	EDEO%	ACT_ND		(Bq/kg)	FKEQ70	(kBq)	(#)		
	SORTS	FREQ%	(Bq)	(#) 0	–250	0.0%	4	206		13.0%
1	56 147	7.2% 19.0%	-14000 -12000	3	-230 -215	0.0%	8	811		51.2%
2	147	19.0%	-12000	4	-179	0.2%	12	239		15.1%
3 4	154 147	19.9%	-8000	11	-143	0.7%	16	112		7.1%
5	151	19.5%	-6000	11	-107	0.7%	20	49		3.1%
6	86	11.1%	-4000	12	-72	0.7%	24	31		2.0%
7	27	3.5%	-2000	41	-36	2.4%	28	20		1.3%
, 8	7	0.9%	0	523	0	31.2%	32	10		0.6%
TOTAL	775	0.270	2000	112	36	6.7%	36	10		0.6%
			4000	136	72	8.1%	40	9		0.6%
2-GAT	ESORTS		6000	95	107	5.7%	44	8		0.5%
DET	SORTS	FREQ%	8000	114	143	6.8%	48	8		0.5%
9	110	13.6%	10000	111	179	6.6%	52	6		0.4%
10	172	21.3%	12000	103	215	6.1%	56	5		0.3%
11	166	20.5%	14000	92	250	5.5%	60	3		0.2%
12	159	19.7%	16000	107	286	6.4%	64	4		0.3%
13	127	15.7%	18000	121	322	7.2%	68	5		0.3%
14	52	6.4%	20000	76	358	4.5%	72	0		0.0%
15	22	2.7%	22000	4	394	0.2%	76	1		0.1%
TOTAL	808		24000	0	429	0.0%	80	1		0.1%
			26000	0	465	0.0%	84	3		0.2%
			>28000	0	0	0.0%	>84	42		2.7%
			TOTAL	1,676			TOTAL	1,583		
			1,641	MPE	3269	DISE	33273			









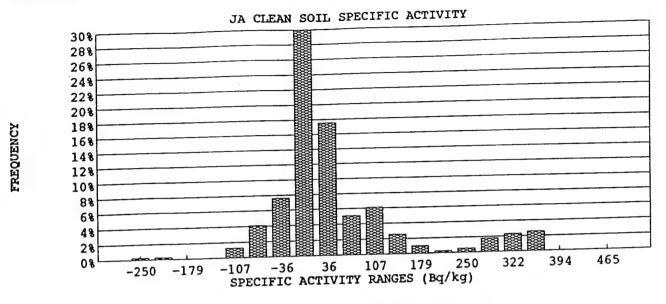
29-Mar-94

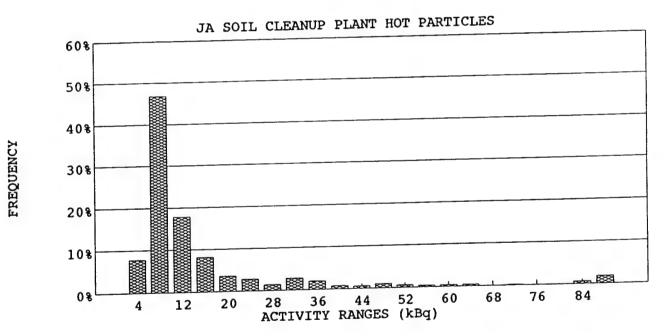
WORK DAY START	06:00	AM	WORK DAY	END	16:30 PM	
LUNCH START	11:00	AM		DURING LUNCH	0.5 HR	
LONCHSTART	11.00					
		SORTER 1	SORTER	2 SORTER 3	SORTER 4	TOTAL
						(sorter hours)
WORK HOURS		10.0 h	10.0 h	r 10.0 hr	10.0 hr	40.0 hr
SORTER AVAILABLE H	OURS	0.0 h	0.0 h	r 0.0 hr	0.0 hr	0.0 hr
SORTER START-UP		NA	NA	NA	NA	
START SOIL PROCESSI	NG	NA	NA	NA	NA	
TIME REQUIRED TO ST		0.0 h	0.0 h	0.0 hr	0.0 hr	0.0 hr
SORTER SHUT-DOWN		NA	NA	NA	NA	
END SOIL PROCESSING		NA	NA	NA	NA	
TIME REQUIRED TO SE		0.0 h	0.0 h	r 0.0 hr	0.0 hr	0.0 hr
ACTUAL PROCESS HOU		0.0 h	0.0 h	r 0.0 hr	0.0 hr	0.0 hr
DOWN-TIME		0.0 h	0.0 h	r 0.0 hr	0.0 hr	0.0 hr
SYSTEM PAUSE		0.0 h	o.0 h	r 0.0 hr	0.0 hr	0.0 hr
SORTER NONAVAILAB	LETIME	10.0 h	r 10.0 h	r 10.0 hr	10.0 hr	40.0 hr
AUTHORIZED DELAY		10.0 h	r 10.0 h	r 10.0 hr	10.0 hr	40.0 hr
PLANT PERFORMANCE						NA
PRODUCTIVTY						0.0%
PRODUCTIVITY						
		29 – Mar – 94	ı	Excused Delays for	day (sorter – hrs)	40 hr
Date		29-Mar-94 164		•	contract (sorter-hrs)	2,683 hr
Contract day (from 6 Sep)		28		Excused delay days (	•	67 days
Current Contract week		28		Excused delay mont	•	2.58 months
Soil production for Day		0 N		,	"	
Cumlative Soil Production	for Week	179 N	T)	Percent of contract of	completed	37.9%
Total Soil production for c				Fons Ahead or Behi		1,856 MT
Since 6		36,347 N		Days ahead or behir		6 days
Since 6	-	37,938 N		•		
Total Soil production for p	-	64,225 N				
Total Son production for p	noject.	0.,000				

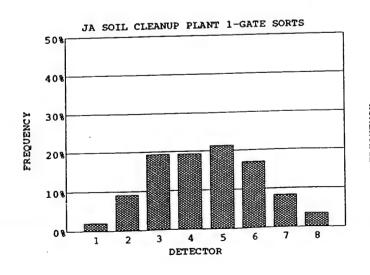
# WORK HISTORY – JA SOIL CLEANUP PLANT 30 – Mar – 94

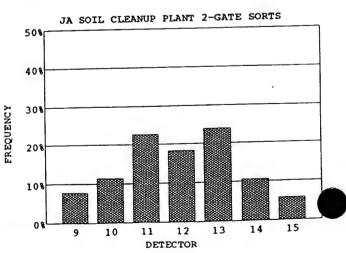
					16:30 PM	
WORK DAY START	06:00 A		WORK DAY E		20120 211	
LUNCH START	11:00 A	LM.	TIME LOST DI	URING LUNCH	0.0 HK	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL
		SORIERI	SORTERE			(sorter hours)
		10.5 hr	10.5 hr	10.5 hr	10.5 hr	42.0 hr
WORK HOURS	T I'D C	3.0 hr	3.0 hr	7.3 hr	7.3 hr	20.5 hr
SORTER AVAILABLE HO	UKS	06:00	06:00	08:30	08:30	
SORTER START-UP		06:31	06:31	10:50	08:57	
START SOIL PROCESSING		0.5 hr	0.5 hr	2.3 hr	0.5 hr	3.9 hr
TIME REQUIRED TO STA	RT-UP	09:00	09:00	15:45	15:45	
SORTER SHUT-DOWN		09:00	08:41	15:30	15:25	
END SOIL PROCESSING			0.41 0.3 hr	0.2 hr	0.3 hr	1.2 hr
TIME REQUIRED TO SHU		0.3 hr	2.2 hr	4.3 hr	4.7 hr	13.3 hr
ACTUAL PROCESS HOUR	RS	2.2 hr		3.0 hr	2.5 hr	7.2 hr
DOWN-TIME		0.8 hr	0.8 hr	0.4 hr	1.8 hr	2.3 hr
SYSTEM PAUSE		0.0 hr	0.0 hr		3.3 hr	21.5 hr
SORTER NONAVAILABLE		7.5 hr	7.5 hr	3.3 hr	2.5 hr	19.0 hr
AUTHORIZED DELAY TI	ME	7.0 hr	7.0 hr	2.5 hr	2.5 111	65.0%
PLANT PERFORMANCE						31.7%
PRODUCTIVTY	•					31.770
PRODUCTIVITY						
Date		30-Mar-94	Exc	used Delays for d	lay (sorter-hrs)	19 hr
Contract day (from 6 Sep)		165	Exc	used delays for co	ontract (sorter-hrs)	2,702 hr
Current Contract week		28		used delay days (		68 days
			Exc	used delay month	is (plant-month)	2.60 months
Soil production for Day		134 MT	•			
Cumlative Soil Production for	r Week	313 MT	Per	cent of contract c	ompleted	38.1%
Total Soil production for con			Tor	ns Ahead or Behi	nd Schedule	1,824 MT
Since 6 Se		36,481 MT	Day	ys ahead or behin	d schedule	6 days
Since 6 Au	-	38,072 MT	•			
Total Soil production for proj	•	64,359 MT	•			

ORTE	R 1						-	1ar−94	4 ± 0.01 c/
		RTER SOIL D	ENSITY	1.20 tons/			CKGROUND		14 ± 0.01 c/ 1TAL
SOIL					CONTAMI	NATED	CLEAN		7 tons
	ASS TOTA	L			8.2 to	ons	13.6 tons	21.	.7 tons
	AXIMUM/				55.9 kg		55.9 kg		
	INIMUM/S				0.7 kg	•	50.3 kg 10.7 yd <sup>3</sup>	17.	.2 yd³
V	OLUME IN	-GROUND			6.5 ye		10.7 yu		<b>,</b> -
W	EIGHTRE	COVERY (CI	EAN/(HOT-	(CLEAN)		62.3%	Prenchect	+ PARTICLE	
ACTIV	ITY							CLEA	N
					PARTI		HOT		9 kBq
T	OTAL				8,400 k	•	8,369 kBq		20 kBq
M	AXIMUM/	SORT			885 k	-	701 kBq 0 Bq		6 kBq
	INIMUM/S				3 k	вq	1,021 Bq/kg_		16 Bq/kg
SI	PECIFIC A	CTIVITY					1,021 14/18		
SORTS	3						200	IINF	XP PAUSE
20	SEC PRO	CESS PERIO	DS			1.46	389	TIM	
	AL	L 80 ELEMEN	ITS SORT (M	1D>0&MNI	)=0)	145		07:	
	NC	ONE (AD=0 &	MD=0 & M	ND>0)	-1 OTD	198 46		571.	
	SO	ME (AD>0&0	) <md<mni< td=""><td>)max&amp;MND</td><td>(MNDmax)</td><td>40</td><td></td><td></td><td></td></md<mni<>	)max&MND	(MNDmax)	40			
	UN	NEXPLAINED	RECORDS	MD>0	1				
			AD<1kBq &		0				
			)=0 & MD>( )<0 & MD >		0				
	CEC COL	INT PERIODS		O	_		3,890		
2	-SEC COC	SEC RECOR	, DS WITH SO	RTS		500			
	2-	SEC RECOR	DS WITHOU	TSORTS		3,390			
т	OTAL PRO	CESS RECO	RDS (2-s SO	RTS and 20-	-s PERIODS	)	889		
N	ONPROC	ESSING RECO	RDS (Test, c	alibration, et	c)		5		
2	-SEC SOR	TDETECTOR	RS					0.0%	
		DEL	352	70.4%		DET	0 0	0.0%	
	21	DET	124	24.8%		DET	0	0.0%	
	31	DET	23	4.6%		7 DET 8 DET	. 0	0.0%	
		DET	1	0.2%	22.1		· ·		
	VERAGE	TIME BETWI	SEN Z-SEC	C C	22.1				
		DISTRI			CDEC A	EDEO%	ACT P	NUM	FREQ%
1-GATE	ESORTS		ACT_ND	NUM	SPEC_A (Bq/kg)	FREQ%	(kBq)	(#)	
DET	SORTS	FREQ%	(Bq)	(#)	-250	0.3%	4	39	7.8%
1	5	2.0%	-14000	1	-215	0.3%	8.	234	46.8%
2	23	9.1%	-12000	1 0	-213 -179	0.0%	12	89	17.8%
3	49	19.4%	-10000 -8000	0	-143	0.0%	16	41	8.2%
4	49	19.4% 21.3%	-6000	5	-107	1.3%	20	18	3.6%
5	54 43	17.0%	-4000	16	-72	4.1%	24	14	2.8%
6 7	21	8.3%	-2000	30	-36	7.6%	28	7	1.4%
8	9	3.6%	0	185	Ō	47.0%	32	14	2.8%
TOTAL	253	2.370	2000	69	36	17.5%	36	10	2.0% 0.8%
LOIAL	200		4000	20	72	5.1%	40	4	0.8%
2-GAT	ESORTS		6000	24	107	6.1%	44	3 5	1.0%
	SORTS	FREQ%	8000	10	143	2.5%	48 52	3	0.6%
9	19	7.7%	10000	4	179	1.0%	52 56	2	0.4%
10	28	11.3%	12000	1	215	0.3%	56 60	2	0.4%
11	56	22.7%	14000	2	250	0.5% 1.8%	64	2	0.4%
12	45	18.2%	16000	7	286 322		68	0	0.0%
13	59	23.9%	18000	9			72	1	0.2%
14	26	10.5%	20000	10	358		76	0	0.0%
	14	5.7%	22000	0	394		80	o	0.0%
15			24000	0	429	0.070	00		0.6%
	247					0.00%	24	3	0.0%
15			26000	0	465		84 >84	3	1.8%
15					465 0		84 >84 TOTAL	3 9 500	

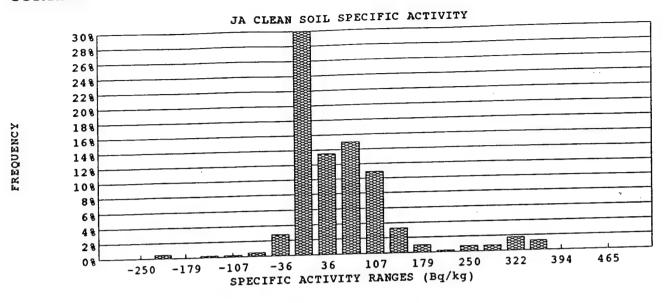


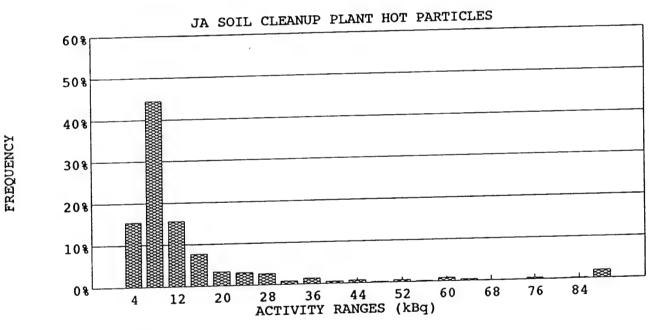


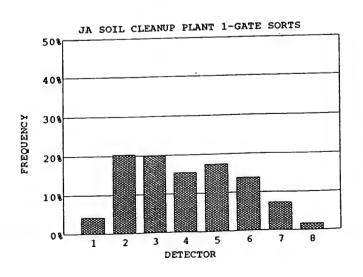


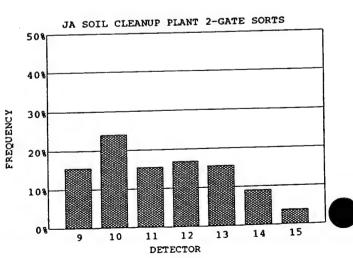


							30-1	Mar-94	
SORT		name com D	ENGITY	1.20 tons/	m3	BAG	KGROUND .	0.73	3 ± 0.03 c
	SC	ORTER SOIL D	ENSITI	1.20 (0115/	CONTAMI		CLEAN	TO	TAL
SOIL					8.6 to		13.3 tons	21.9	tons
	MASS TOT				55.9 kg		55.9 kg		
	MAXIMUM				0.7 kg		49.6 kg		
	MINIMUM				6.8 yd		10.5 yd3	17.4	‡ yd³
	VOLUME	N-GROUND	EAN/HOT4	CT EAN))	0.0 )-	60.6%			
		ECOVERY (CI	EAN/(HOT)	(LLAN)			DISPERSE	+ PARTICLE	
ACTI	VITY				D 4 D 774	~ r:	НОТ	CLEA	N
					PARTIC		8,932 kBq	-	2 kBq
	TOTAL				8,529 kl	•	455 kBq		9 kBq
	MAXIMUM				520 kl	•	0 Bq		2 kBq
	MINIMUM	SORT			2 kl	Bq	1,035 Bq/kg		9 Bq/kg
	SPECIFICA	ACTIVITY					1,033 Dq/kg		
SORT	S							HNES	PAUSE
, 0 - 1 -	20-SEC PR	OCESS PERIO	DS				392	TIME	
	A	LL 80 ELEMEN	NTS SORT (M	D>0&MNI	)=0)	153		None	None
	N	ONE (AD=0&	MD=0 & M1	(D>0)		199		NONE	140110
	S	OME(AD>0&	O <md<mnd< td=""><td>max&amp;MND</td><td><mndmax)< td=""><td>40</td><td></td><td></td><td></td></mndmax)<></td></md<mnd<>	max&MND	<mndmax)< td=""><td>40</td><td></td><td></td><td></td></mndmax)<>	40			
	Ü	NEXPLAINED	RECORDS		0				
		0<	AD<1kBq &	MD>0	0				
			)=0 & MD>0		0				
		AI	)<0 & MD >	)	0		2.020		
	2-SEC CO	UNT PERIODS	3			506	3,920		
	2	-SEC RECORT	DS WITH SO	RTS		596			
	2	-SEC RECOR	DS WITHOU	TSORTS		3,324	988		
	TOTAL PR	OCESS RECO	RDS (2-s SO	RTS and 20-	-s PERIODS)		2		
	NONPROC	CESSING RECO	ORDS (Test, c	alibration, et	c)		2		
	2-SEC SO	RT DETECTO	RS			DET	4	0.7%	
	1	DET	406	68.1%		DET	0	0.0%	
	. 2	DET	143	24.0%		DET	1	0.2%	
	3	DET	31	5.2%		DET	Ö	0.0%	
	4	DET	12	2.0%	19.3 s	DET	v	•	
	AVERAG	ETIME BETWI	EEN 2-SECS	C C	19.5 8				
FRE	QUENC	Y DISTRI	ROLION	5			ACT D	NUM	FREQ9
	TE SORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	(#)	
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	92	15.4%
1		4.3%	-14000	0	-250	0.0%	4	265	44.5%
		20.3%	-12000	2	-215	0.5%	8	93	15.6%
	61	20.0%	-10000	0	-179	0.0%	12 16	46	7.7%
	4 47	15.4%	-8000	1	-143	0.3%	20	20	3.4%
:	5 53	17.4%	-6000	I	-107	0.3%	20 24	18	3.0%
	5 42	13.8%	-4000	2	-72	0.5%		16	2.7%
	7 22	7.2%	-2000	11	-36	2.8%	28 32	5	0.8%
1	85_	1.6%	0	. 186	0	47.2%	32 36	8	1.3%
TOTAL	305		2000	53	36	13.5%	30 40	3	0.5%
			4000	59	72	15.0%	44	4	0.7%
2-GA	TESORTS		6000	43	107	10.9%	48	ī	0.2%
DE		FREQ%	8000	13	143	3.3% 1.0%	52	3	0.5%
	9 45	15.5%	10000	4	179	0.3%	56	1	0.2%
1	0 70	24.1%	12000	1	215		60	5	0.8%
1	1 45	15.5%	14000	3	250	0.8%	64	2	0.3%
1		16.8%	16000	3	286	0.8%	68	0	0.0%
	3 45	15.5%	18000	7	322	1.8%		0	0.0%
	4 26	8.9%	20000	5	358	1.3%	72 76	2	0.3%
	5 11	3.8%	22000	0	394	0.0%	76		0.0%
TOTA			24000	0	429	0.0%	80	0 1	0.2%
	2		26000	0	465	0.0%	84		1.8%
ı			>28000	0	0	0.0%	>84	11	1.07
1			TOTAL	394			TOTAL	596	
				MPE	1200	DISE	10600		

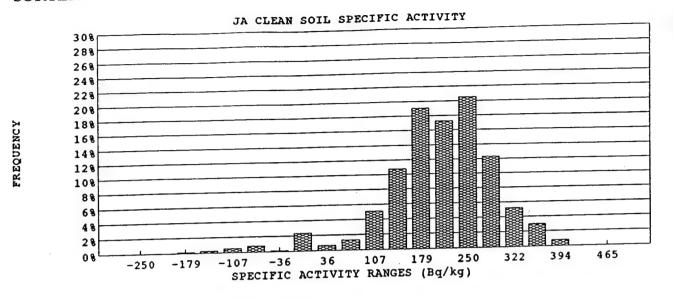


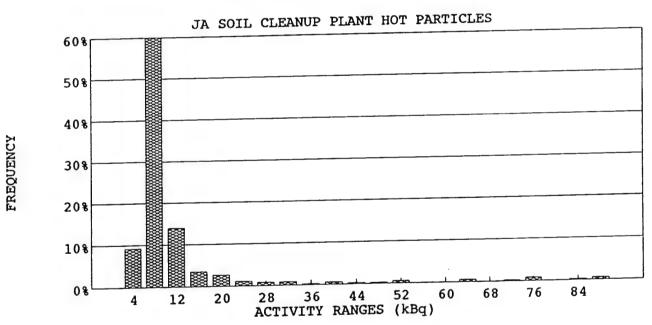


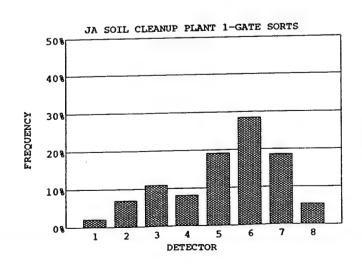


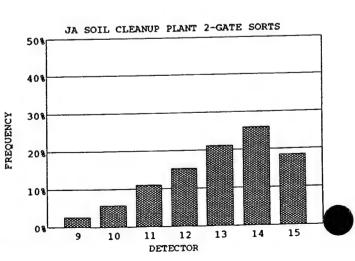


()KIF	ER 3							[ar-94	
OKII		RTER SOIL D	ENSITY	1.20 tons/	m³		CKGROUND		0.03
OIL					CONTAMIN	NATED	CLEAN	TOTA 42.9 t	
	ASS TOTA	L			1.6 to	ns	41.3 tons	42.9 (	.ons
N	AXIMUM/	SORT			58.1 kg		55.9 kg		
N	AINIMUM/S	ORT			0.7 kg		50.3 kg	34.0 3	,d3
v	OLUME IN	-GROUND			1.3 yd		32.7 yd <sup>3</sup>	34.0 }	, u
v	VEIGHT RE	COVERY (C	LEAN/(HOT-	+CLEAN))		96.2%			
CTIV							DISPERSED	+ PARTICLE	
XC11 V	11 1				PARTIC	1E	HOT	CLEAN	
7	OTAL				3,526 kI	3q	2,605 kBq	8,251 1	_
	AAXIMUM/	SORT			88 kI	3q	68 kBq	21 3	-
	AINIMUM/S				3 kJ	3q	0 Bq	-10 1	_
	PECIFIC A						1,596 Bq/kg	200 1	3q/kg
		CHIVILL					•		
ORTS							768	UNEXP	<b>PAUSE</b>
2	0-SEC PRO	CESS PERIO	DDS	(D > O & MAT	1-0)	17		TIME	TIME
	AL	L 80 ELEME	NIS SORI (N	ID>U&MINL	<i>)</i> =0)	270		None	12:34
	NC	NE (AD=0 &	MD=U&M	マンマン かとながり マンマン かとながり	<mndmax)< td=""><td>481</td><td></td><td></td><td>12:58</td></mndmax)<>	481			12:58
	so	ME(AD>0&	O <wd<wvi< td=""><td>maxamnu</td><td>O (MINDINAX)</td><td>101</td><td></td><td></td><td>13:10</td></wd<wvi<>	maxamnu	O (MINDINAX)	101			13:10
	UN	IEXPLAINED		MDs 0	0				14:23
			AD<1kBq &		0				14:51
			D=0 & MD>0		0				
			D<0 & MD >	U	U		7,680		
2	2-SEC COU	NT PERIODS	S	n.mc		373	,,,,,,		
	2-	SEC RECOR	DS WITH SO	K 12		7,307			
	2-	SEC RECOR	DS WITHOU	TSORIS	• BEDIODS)	•	1,141		
7	TOTAL PRO	CESS RECO	RDS (2-s SO	K IS and 20-	-s PERIODS)		3		
1	NONPROCE	SSING RECO	ORDS (Test, c	alibration, eu	c)		-		
2		TDETECTO		92 901	5	DET	0	0.0%	
		DET	309	82.8%		DET	0	0.0%	
		DET	57	15.3% 1.6%		DET	0	0.0%	
		DET	6 1	0.3%		DET	0	0.0%	
		ET	-		49.7 s				
	AVERAGE	TIME BETWI	DI FITON	C	1,7.1.				
REQ	UENCY	DISTRI	BUTION	3	opeo A 1	TD TC 00%	ACT_P	NUM	FREQ%
1-GAT	<b>ESORTS</b>		ACT_ND	NUM	SPEC_A	rkeQ%	(kBq)	(#)	
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	0.001	(KDQ)	34	9.1%
1	4	2.2%	-14000	0	-250	0.0% 0.0%	8	238	63.8%
2	13	7.1%	-12000	0	-215 -179	0.0%	12	52	13.9%
	20	10.9%	-10000	1	-1/9	11.170			
3				^			16	13	3.5%
3 4	15	8.2%	-8000	2	-143	0.3%	16 20	13 10	3.3% 2.7%
3 4 5	15 35	8.2% 19.1%	-8000 -6000	4	-143 -107	0.3% 0.5%	20	10	
3 4 5 6	15 35 52	8.2% 19.1% 28.4%	-8000 -6000 -4000	4 6	-143 -107 -72	0.3% 0.5% 0.8%	20 24	10 4	2.7%
3 4 5 6 7	15 35 52 34	8.2% 19.1% 28.4% 18.6%	-8000 -6000 -4000 -2000	4 6 1	-143 -107 -72 -36	0.3% 0.5% 0.8% 0.1%	20 24 28	10 4 3	2.7% 1.1%
3 4 5 6 7 8	15 35 52 34 10	8.2% 19.1% 28.4%	-8000 -6000 -4000 -2000	4 6 1 18	-143 -107 -72 -36	0.3% 0.5% 0.8% 0.1% 2.3%	20 24 28 32	10 4	2.7% 1.1% 0.8%
3 4 5 6 7 8	15 35 52 34	8.2% 19.1% 28.4% 18.6%	-8000 -6000 -4000 -2000 0	4 6 1 18 · 5	-143 -107 -72 -36 0 36	0.3% 0.5% 0.8% 0.1% 2.3% 0.6%	20 24 28 32 36	10 4 3 3 1	2.7% 1.1% 0.8% 0.8%
3 4 5 6 7 8 FOTAL	15 35 52 34 10 183	8.2% 19.1% 28.4% 18.6%	-8000 -6000 -4000 -2000 0 2000 4000	4 6 1 18 5	-143 -107 -72 -36 0 36 72	0.3% 0.5% 0.8% 0.1% 2.3% 0.6% 1.3%	20 24 28 32 36 40	10 4 3 3	2.7% 1.1% 0.8% 0.8% 0.3%
3 4 5 6 7 8 FOTAL	15 35 52 34 10 183	8.2% 19.1% 28.4% 18.6% 5.5%	-8000 -6000 -4000 -2000 0 2000 4000 6000	4 6 1 18 5 10 39	-143 -107 -72 -36 0 36 72	0.3% 0.5% 0.8% 0.1% 2.3% 0.6% 1.3% 5.1%	20 24 28 32 36 40 44	10 4 3 3 1 2	2.7% 1.1% 0.8% 0.8% 0.3% 0.5% 0.3%
3 4 5 6 7 8 TOTAL 2-GAT DET	15 35 52 34 10 183 ESORTS SORTS	8.2% 19.1% 28.4% 18.6% 5.5% FREQ%	-8000 -6000 -4000 -2000 0 2000 4000 6000 8000	4 6 1 18 5 10 39 83	-143 -107 -72 -36 0 36 72 107	0.3% 0.5% 0.8% 0.1% 2.3% 0.6% 1.3% 5.1%	20 24 28 32 36 40 44 48	10 4 3 3 1 2 1	2.7% 1.1% 0.8% 0.8% 0.3% 0.5% 0.3%
3 4 5 6 7 8 TOTAL 2-GAT DET 9	15 35 52 34 10 183 ESORTS SORTS	8.2% 19.1% 28.4% 18.6% 5.5% FREQ% 2.6%	-8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000	4 6 1 18 5 10 39 83 147	-143 -107 -72 -36 0 36 72 107 143 179	0.3% 0.5% 0.8% 0.1% 2.3% 0.6% 1.3% 5.1% 10.8% 19.1%	20 24 28 32 36 40 44 48 52	10 4 3 3 1 2 1 1	2.7% 1.1% 0.8% 0.8% 0.3% 0.5% 0.3% 0.3%
3 4 5 6 7 8 TOTAL 2-GAT DET 9	15 35 52 34 10 183 ESORTS SORTS 5	8.2% 19.1% 28.4% 18.6% 5.5% FREQ% 2.6% 5.8%	-8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000	4 6 1 18 5 10 39 83 147 133	-143 -107 -72 -36 0 36 72 107 143 179 215	0.3% 0.5% 0.8% 0.1% 2.3% 0.6% 1.3% 5.1% 10.8% 19.1% 17.3%	20 24 28 32 36 40 44 48 52 56	10 4 3 3 1 2 1 1 2 0	2.7% 1.1% 0.8% 0.8% 0.3% 0.5% 0.3% 0.5% 0.0%
3 4 5 6 7 8 TOTAL 2-GAT DET 9 10 11	15 35 52 34 10 183 E SORTS SORTS 5 11 21	8.2% 19.1% 28.4% 18.6% 5.5% FREQ% 2.6% 5.8% 11.1%	-8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000 14000	4 6 1 18 5 10 39 83 147 133 158	-143 -107 -72 -36 0 36 72 107 143 179 215	0.3% 0.5% 0.8% 0.1% 2.3% 0.6% 1.3% 5.1% 10.8% 19.1% 17.3% 20.5%	20 24 28 32 36 40 44 48 52 56	10 4 3 3 1 2 1 1 2 0	2.7% 1.1% 0.8% 0.8% 0.3% 0.5% 0.3% 0.5% 0.0%
3 4 5 6 7 8 FOTAL 2-GAT DET 9 10 11 12	15 35 52 34 10 183 ESORTS SORTS 5 11 21 29	8.2% 19.1% 28.4% 18.6% 5.5% FREQ% 2.6% 5.8% 11.1% 15.3%	-8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000 14000 16000	4 6 1 18 5 10 39 83 147 133 158 95	-143 -107 -72 -36 0 36 72 107 143 179 215 250 286	0.3% 0.5% 0.8% 0.1% 2.3% 0.6% 1.3% 5.1% 10.8% 19.1% 17.3% 20.5% 12.3%	20 24 28 32 36 40 44 48 52 56 60 64	10 4 3 3 1 2 1 1 2 0 0	2.7% 1.1% 0.8% 0.8% 0.3% 0.5% 0.3% 0.0% 0.0% 0.0%
3 4 5 6 7 8 TOTAL 2-GAT DET 9 10 11 12 13	15 35 52 34 10 183 ESORTS SORTS 5 11 21 29 40	8.2% 19.1% 28.4% 18.6% 5.5% FREQ% 2.6% 5.8% 11.1% 15.3% 21.1%	-8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000 14000 16000 18000	4 6 1 18 5 10 39 83 147 133 158 95	-143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322	0.3% 0.5% 0.8% 0.1% 2.3% 0.6% 1.3% 5.1% 10.8% 19.1% 17.3% 20.5% 12.3% 5.2%	20 24 28 32 36 40 44 48 52 56 60 64	10 4 3 3 1 2 1 1 2 0 0 0	2.7% 1.1% 0.8% 0.8% 0.3% 0.5% 0.3% 0.5% 0.0% 0.0%
3 4 5 6 7 8 FOTAL 2-GAT DET 9 10 11 12 13	15 35 52 34 10 183 ESORTS SORTS 5 11 21 29 40 49	8.2% 19.1% 28.4% 18.6% 5.5% FREQ% 2.6% 5.8% 11.1% 15.3% 21.1% 25.8%	-8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000 12000 14000 16000 18000 20000	4 6 1 18 5 10 39 83 147 133 158 95 40 23	-143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358	0.3% 0.5% 0.8% 0.1% 2.3% 0.6% 1.3% 5.1% 10.8% 19.1% 17.3% 20.5% 12.3% 5.2% 3.0%	20 24 28 32 36 40 44 48 52 56 60 64 68 72	10 4 3 3 1 2 1 1 2 0 0 0 2	2.7% 1.1% 0.8% 0.8% 0.3% 0.5% 0.3% 0.5% 0.0% 0.0% 0.0% 0.5%
3 4 5 6 7 8 FOTAL 2-GAT DET 9 10 11 12 13 14 15	15 35 52 34 10 183 ESORTS SORTS 5 11 21 29 40 49	8.2% 19.1% 28.4% 18.6% 5.5% FREQ% 2.6% 5.8% 11.1% 15.3% 21.1%	-8000 -6000 -4000 -2000 0 2000 4000 6000 10000 12000 14000 16000 18000 20000 22000	4 6 1 18 5 10 39 83 147 133 158 95 40 23 6	-143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358 394	0.3% 0.5% 0.8% 0.1% 2.3% 0.6% 1.3% 5.1% 10.8% 19.1% 17.3% 20.5% 12.3% 5.2% 3.0% 0.8%	20 24 28 32 36 40 44 48 52 56 60 64 68 72 76	10 4 3 3 1 2 1 1 2 0 0 0 2 0	2.7% 1.1% 0.8% 0.8% 0.3% 0.5% 0.3% 0.5% 0.0% 0.0% 0.0% 0.5% 0.0% 0.5%
3 4 5 6 7 8 FOTAL 2-GAT DET 9 10 11 12 13	15 35 52 34 10 183 ESORTS SORTS 5 11 21 29 40 49	8.2% 19.1% 28.4% 18.6% 5.5% FREQ% 2.6% 5.8% 11.1% 15.3% 21.1% 25.8%	-8000 -6000 -4000 -2000 0 2000 4000 6000 10000 12000 14000 16000 18000 20000 22000 24000	4 6 1 18 5 10 39 83 147 133 158 95 40 23 6	-143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358 394 429	0.3% 0.5% 0.8% 0.1% 2.3% 0.6% 1.3% 5.1% 10.8% 19.1% 17.3% 20.5% 12.3% 5.2% 3.0% 0.8% 0.0%	20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80	10 4 3 3 1 2 1 1 2 0 0 0 2 0 1 3 0	2.7% 1.1% 0.8% 0.8% 0.3% 0.5% 0.3%
3 4 5 6 7 8 FOTAL 2-GAT DET 9 10 11 12 13 14 15	15 35 52 34 10 183 ESORTS SORTS 5 11 21 29 40 49	8.2% 19.1% 28.4% 18.6% 5.5% FREQ% 2.6% 5.8% 11.1% 15.3% 21.1% 25.8%	-8000 -6000 -4000 -2000 0 2000 4000 6000 12000 12000 14000 16000 18000 22000 24000 26000	4 6 1 18 5 10 39 83 147 133 158 95 40 23 6 0	-143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358 394 429 465	0.3% 0.5% 0.8% 0.1% 2.3% 0.6% 1.3% 5.1% 10.8% 19.1% 17.3% 20.5% 12.3% 5.2% 3.0% 0.8% 0.0% 0.0%	20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80 84	10 4 3 3 1 2 1 1 2 0 0 0 2 0 1 3 0 1	2.7% 1.1% 0.8% 0.8% 0.3% 0.5% 0.3% 0.5% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%
3 4 5 6 7 8 FOTAL 2-GAT DET 9 10 11 12 13 14 15	15 35 52 34 10 183 ESORTS SORTS 5 11 21 29 40 49	8.2% 19.1% 28.4% 18.6% 5.5% FREQ% 2.6% 5.8% 11.1% 15.3% 21.1% 25.8%	-8000 -6000 -4000 -2000 0 2000 4000 6000 10000 12000 14000 16000 18000 20000 22000 24000	4 6 1 18 5 10 39 83 147 133 158 95 40 23 6	-143 -107 -72 -36 0 36 72 107 143 179 215 250 286 322 358 394 429	0.3% 0.5% 0.8% 0.1% 2.3% 0.6% 1.3% 5.1% 10.8% 19.1% 17.3% 20.5% 12.3% 5.2% 3.0% 0.8% 0.0%	20 24 28 32 36 40 44 48 52 56 60 64 68 72 76 80	10 4 3 3 1 2 1 1 2 0 0 0 2 0 1 3 0	2.7% 1.1% 0.8% 0.8% 0.3% 0.5% 0.3% 0.5% 0.0% 0.0% 0.0% 0.5% 0.0% 0.3% 0.0% 0.3%

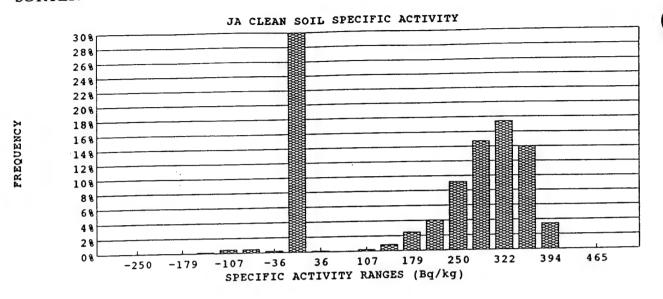


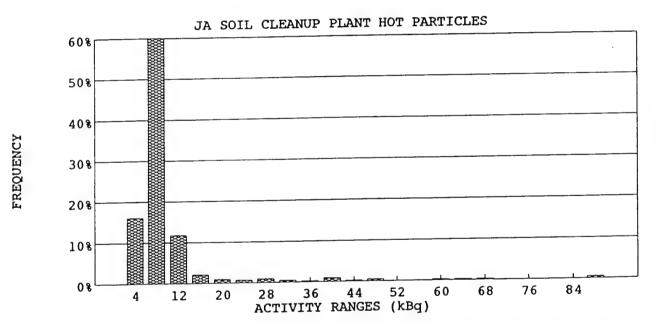


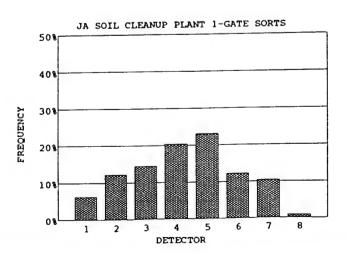


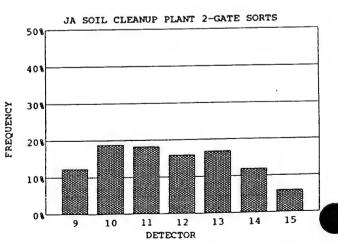


SORT								-Mar-94			
	S	ORTER SOIL	DENSITY	1.20 to	ns/m³	<u>I</u>	BACKGROUND		0.63 ± 0.03 ¢		
SOIL					CONTAM	INATED	CLEAN		TOTAL		
1	MASS TOT	AL			15.9	tons	31.6 tons		47.4 tons		
1	MAXIMUN	(/SORT			58.1	kg	55.9 kg				
1	MINIMUM	SORT			0.7	kg	50.3 kg				
		N-GROUND			12.6	•	25.0 yd <sup>3</sup>		37.6 yd³		
,	WEIGHTR	ECOVERY (C	LEAN/(HO)	+CLEAN)	)	66.5%					
ACTI	VITY						DISPERSE	D + PARTICE	E		
					PART	ICLE	HOT	CL	EAN		
	TOTAL				3,336	kBq	10,320 kBq	8	,812 kBq		
1	MAXIMUM	I/SORT			121	kBq	93 kBq		21 kBq		
1	MINIMUM	SORT			3	kBq	(8,044)Bq		-8 kBq		
:	SPECIFIC A	CTIVITY					650 Bq/kg		279 Bq/kg		
SORT	S										
		OCESS PERIO	ODS				848	UN	EXP PAUSE		
		LL 80 ELEME		MD>0&MI	ND=0)	272		TI	ме тіме		
		ONE (AD=0 &			,	177		09	:45 09:11		
	S	OME(AD>0&	0 <md<mn< td=""><td>Dmax&amp;MN</td><td>D<mndmax)< td=""><td>399</td><td></td><td>10</td><td>:46 09:44</td></mndmax)<></td></md<mn<>	Dmax&MN	D <mndmax)< td=""><td>399</td><td></td><td>10</td><td>:46 09:44</td></mndmax)<>	399		10	:46 09:44		
		NEXPLAINE			o´				09:58		
	_		AD<1kBq &		0				10:31		
			D=0 & MD>		1				11:58		
		Al	D<0 & MD >	0	1				12:34		
	2-SEC CO	UNT PERIOD	S				8,480		12:52		
	_	-SEC RECOR				423			12:54		
	2-	-SEC RECOR	DS WITHOU	JT SORTS		8,057			12:58		
		OCESS RECO				5)	1,271		13:03		
		ESSING RECO		alibration,	etc)		1		13:10		
1	2-SEC SOF	TDETECTO	RS						13:14		
	1	DET	363	85.8%		5 DET	0	0.0%	14:23		
	2	DET	52	12.3%		6 DET	0	0.0%	14:40		
	3	DET	6	1.4%		7 DET	0	0.0%	14:44		
		DET	2	0.5%		8 DET	0	0.0%			
		TIME BETWI			46.7	sec			~		
FREQ	UENC	DISTRI	BUTION	IS							
1-GAT	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM	FREQ%		
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)			
1	14	6.3%	-14000	0	-250	0.0%	4	68	16.1%		
2	27	12.2%	-12000	0	-215	0.0%	8	270	63.8%		
3	32	14.5%	-10000	0	-179	0.0%	12	50	11.8%		
4	45	20.4%	-8000	1	-143	0.1%	16	9	2.1%		
5	51	23.1%	-6000	4	-107	0.5%	20	4	0.9%		
6	27	12.2%	-4000	4	-72	0.5%	24	3	0.7%		
7	23	10.4%	-2000	2	-36	0.2%	28	4	0.9%		
8	2	0.9%	0	275	0	32.4%	32	2	0.5%		
TOTAL	221		2000	1	36	0.1%	36	I	0.2%		
			4000	0	72	0.0%	40	4	0.9%		
	ESORTS		6000	2	107	0.2%	44	I	0.2%		
DET		FREQ%	8000	7	143	0.8%	48	2	0.5% 0.0%		
9	25	12.4%	10000	21	179	2.5%	52	0	0.0%		
10	38	18.8%	12000	34	215	4.0%	56	0 1	0.0%		
11	37	18.3%	14000	78	250	9.2%	60	_	0.2%		
12	32	15.8%	16000	125	286	14.7%	64	I	0.2%		
13	34	16.8%	18000	148	322	17.4%	68	1	0.2%		
14	24	11.9%	20000	118	358	13.9%	72	0	0.0%		
15	12	5.9%	22000	29	394	3.4%	76	0	0.0%		
TOTAL	202		24000	0	429	0.0%	80	0	0.0%		
			26000	0	465	0.0%	84	0	0.5%		
			>28000 _	0	0	0.0%	>84	2	U.J%		
			TOTAL	849			TOTAL	423			





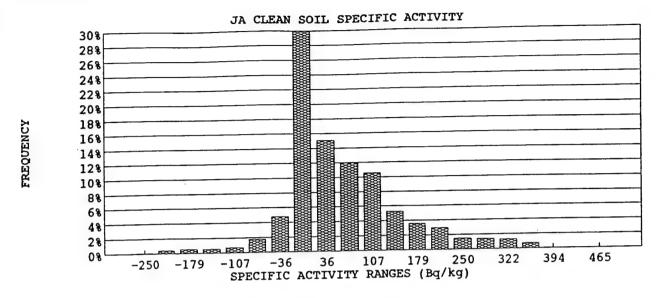


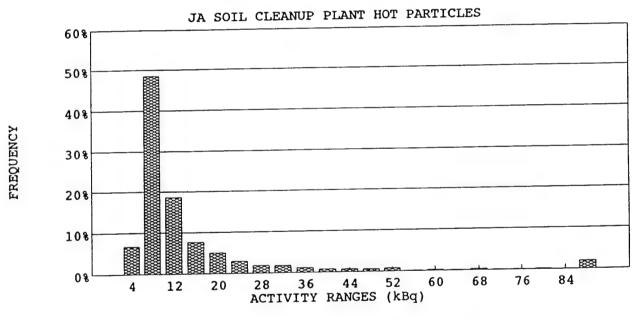


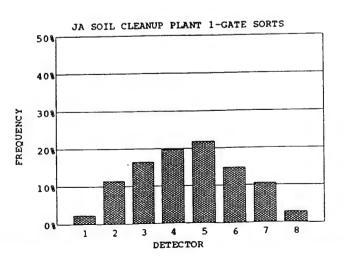
31-Mar-94

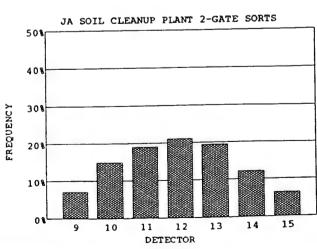
	***							
WORK DAY START	06:00 AM		WORK DA	Y END		16:30 PM		
LUNCH START	11:00 AM		TIMELOS	r during i	LUNCH	0.0 HR		
		SORTER 1	SORTE	R 2 SOR	TER 3	SORTER 4	TOTAL	
							(sorter l	hours)
WORK HOURS		10.5 hr	10.5	hr 10	.5 hr	10.5 hr	42.0	hr
SORTER AVAILABLE HO	URS	10.5 hr	10.5	hr 0.	.0 hr	0.0 hr	21.0	hr
SORTER START-UP		06:00	06:00	N.	A	NA		
START SOIL PROCESSING	3	06:35	06:35	N.	A	NA		
TIME REQUIRED TO STA	RT-UP	0.6 hr	0.6	hr 0.	.0 hr	0.0 hr	1.2	hr
SORTER SHUT-DOWN		16:30	16:30	N.	A	NA		
END SOIL PROCESSING		16:06	16:06	N.	A	NA		
TIME REQUIRED TO SHU	JT DOWN	0.4 hr	0.4	hr 0.	.0 hr	0.0 hr	0.8	hr
ACTUAL PROCESS HOUR	RS	8.8 hr	8.8	hr 0.	.0 hr	0.0 hr	17.5	hr
DOWN-TIME		1.7 hr	1.7	hr 0.	.0 hr	0.0 hr	3.5	hг
SYSTEM PAUSE		0.8 hr	0.8	hr 0.	.0 hr	0.0 hr	1.5	hr
SORTER NONAVAILABL	ЕПМЕ	0.0 hr	0.0	hr 10	.0 hr	10.0 hr	20.0	hr
AUTHORIZED DELAY TI	ME	0.0 hr	0.0	hr 10	.0 hr	10.0 hr	20.0	
PLANT PERFORMANCE							83.5%	
PRODUCTIVTY							41.7%	
PRODUCTIVITY								
Date	3	31 – Mar – 94		Excused De	lays for d	lay (sorter-hrs)	20	hr
Contract day (from 6 Sep)		166		Excused del	ays for co	ontract (sorter-hrs)	2,722	hr
Current Contract week		28		Excused del	ay days (	plant – days)	68	days
				Excused del	ay month	is (plant-month)	2.62	months
Soil production for Day		176 M	Γ					
Cumlative Soil Production fo	r Week	489 M	Γ	Percent of c	ontract c	ompleted	38.2%	
Total Soil production for con	tract					nd Schedule	1,842	
Since 6 Se	p 93	36,658 M	Г	Days ahead	or behin	d schedule	6	days
Since 6 A	ug 93	38,249 M	Γ					
Total Soil production for pro	ject	64,536 M	Γ					

SORT	ER 1						• -	Mar-94		
		ORTER SOIL	DENSITY	1.20 to			ACKGROUND		0.66	
SOIL					CONTAN	INATED	CLEAN		TOTA	L
	MASS TOTA	AL			24.5	tons	63.7 tons		88.2 t	ons
_	MAXIMUM				58.1	kg	55.9 kg			
N	MINIMUM	SORT			0.7	kg	48.9 kg			
_		N-GROUND			19.4	yd³	50.5 yd <sup>3</sup>		69.9 y	d³
		ECOVERY (C		(+CLEAN)	)	72.2%				
ACTIV							DISPERSE	) + PART	ICLE	
ACIIV					PART	TOLE	HOT		CLEAN	
,	TOTAL				26,271	kBq	27,449 kBq		3,609 1	Вq
	MAXIMUM	KORT			621	-	422 kBq		19 k	:Bq
	MINIMUM/					kBq	(8,644)Bq		-14 k	:Bq
	PECIFIC A					•	1,122 Bq/kg		57 I	3q/kg
SORT										
		OCESS BEDI	anc.				1,577		UNEXP	PAUSE
2		OCESS PERIO		MD>08M	1D=0/	430			TIME	TIME
		LL 80 ELEME			10-0)	873			07:44	07:05
	N	ONE (AD=0 &	MD=0&N	IND>U)	D~MMD~~~				10:13	14:00
		OME (AD>0&			∪ √windhinax` ∪	, 214			14:05	15:03
	: U	NEXPLAINE			1				15:06	
			<ad<1kbq &<br="">D=0 &amp; MD&gt;</ad<1kbq>		0					
			D=0 & MD> D<0 & MD>		3					
_	CEC COI	A. JNT PERIOD:		·	,		15,770			
2		-SEC RECOR		ORTS		1,845				
		-SEC RECOR				13,925				
7	TAI PD	OCESS RECO	RDS (2-s SC	ORTS and 20	-s PERIODS	S)	3,422			
,	JOHALIK	ESSING RECO	ORDS (Test.	calibration.	etc)	,	3			
2	-SEC SOE	T DETECTO	RS							
2		DET	1,297	70.3%		5 DET	4	0.2%		
		DET	421	22.8%		6 DET	0	0.0%		
		DET	107	5.8%		7 DET	0	0.0%		
		DET	16	0.9%		8 DET	0	0.0%		
A		TIME BETWI	EEN 2-SEC	SORTS	24.3	sec				
		DISTRI								
	ESORTS	2101111	ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ9
-	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	-	(kBq)	(#)		
DEI 1	22	2.3%	-14000	1	-250	0.1%	` 4	124		6.7%
2	109	11.5%	-12000	6	-215	0.4%	8	894		48.5%
3	157	16.5%	-10000	8	-179	0.5%	12	343		18.6%
4	188	19.8%	-8000	8	-143	0.5%	16	141		7.6%
5	208	21.9%	-6000	11	-107	0.7%	20	92		5.0%
6	140	14.7%	-4000	28	-72	1.8%	24	54		2.9%
7	100	10.5%	-2000	75	-36	4.7%	28	34		1.8%
8	27	2.8%	0	587	0	37.2%	32	33		1.8%
OTAL -	951		2000	238	36	15.1%	36	21		1.1%
JIAL	///		4000	190	72	12.0%	40	14		0.8%
2-GATE	ESORTS		6000	167	107	10.6%	44	13		0.7%
	SORTS	FREQ%	8000	83	143	5.3%	48	11		0.6%
9	63	7.0%	10000	56	179	3.5%	52	14		0.8%
10	133	14.9%	12000	46	215	2.9%	56	2		0.1%
11	170	19.0%	14000	23	250	1.5%	60	5		0.3%
12	189	21.1%	16000	22	286	1.4%	64	2		0.1%
13	174	19.5%	18000	20	322	1.3%	68	6		0.3%
14	108	12.1%	20000	11	358	0.7%	72	2		0.1%
15	57	6.4%	22000	0	394	0.0%	76	2		0.1%
OTAL -	894	,.	24000	0	429	0.0%	80	3		0.2%
JIM	374		26000	0	465	0.0%	84	0		0.0%
			>28000	0	0	0.0%	>84	35		1.9%
				v						
			TOTAL	1,580			TOTAL	1,845		

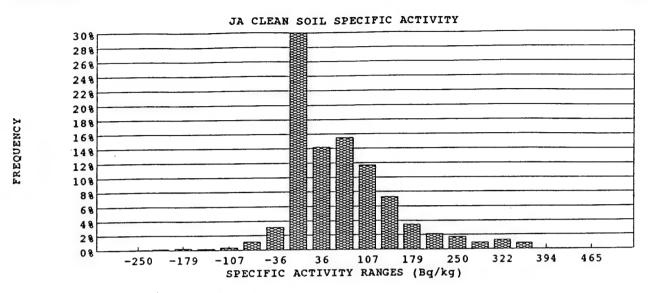


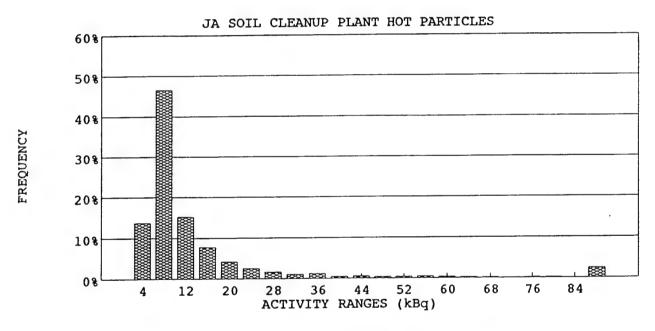


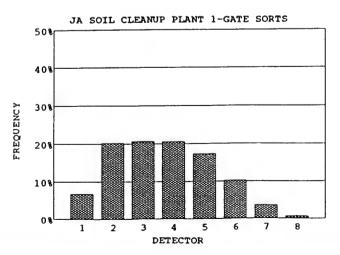


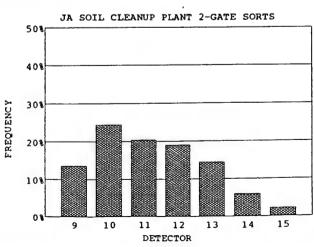


SORT								-Mar-94		
	S	ORTER SOIL	DENSITY	1.20 tor			ACKGROUND		0.74 ±	
SOIL					CONTAM		CLEAN		TOTA	
	MASS TOT	AL			25.2	tons	63.0 tons		88.2 to	ons
1	MAXIMUM	L/SORT			58.1	•	55.9 kg			
	MINIMUM				0.7	_	46.1 kg		69.9 ye	ar.
		N-GROUND			20.0	-	49.9 yd <sup>3</sup>		69.9 y	u
		ECOVERY (C	LEAN/(HO)	(+CLEAN)		71.4%				
ACTI	VITY							ED + PARTI		
					PART		HOT	(	LEAN	_
	TOTAL				33,431	•	28,727 kBq		4,252 k	-
1	MAXIMUM	L/SORT			2,154	•	1,549 kBq		20 k -14 k	-
1	MINIMUM	SORT			2	kBq	(11,594)Bq			вq q/kg
	SPECIFIC A	CTIVITY					1,140 Bq/kg		07 2	4/ 1/4
SORT									INICUP	PAUSE
:	20-SEC PR	OCESS PERIO	ODS			4.0	1,578		IIME TIME	TIME
	A	LL 80 ELEME	NTS SORT (	MD>0&MN	D=0	442			07:44	07:06
	N	ONE (AD=0 &	& MD=0 & M	ND>0)		823			08:01	14:00
		OME(AD>0&				313			12:58	15:03
	U	NEXPLAINE			0				14:05	10.00
			AD<1kBq &		2				15:06	
			D=0 & MD>		0				15.00	
			D<0 & MD >	•0	3		15,780			
:		UNT PERIOD:		n me		1,926	15,700			
		-SEC RECOR				13,854				
	2.	-SEC RECOR OCESS RECO	DDG (2 - CC	01 3OK 13	- c PERIODS	•	3,504			
	TOTALPRO	OCESS RECO	KDS (2-8 SC	olibeation e	es (ERIODS	,	5			
		ESSING RECO		anoranon, c	,		<del>-</del>			
•		DET	1.375	71.4%		5 DET	5	0.3%		
		DET	423	22.0%		6 DET	0	0.0%		
		DET	97	5.0%		7 DET	0	0.0%		
		DET	26	1.3%		8 DET	0	0.0%		
		TIME BETWI	EEN 2-SEC	SORTS	23.0	sec				
		DISTRI								
	ESORTS		ACT_ND	NUM	SPEC A	FREO%	ACT_P	NUM		FREQ%
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
	50K 15	6.8%	-14000	1	-250	0.1%	4	264		13.7%
1 2	192	20.3%	-12000	2	-215	0.1%	8	897		46.6%
_	192	20.7%	-10000	4	-179	0.3%	12	293		15.2%
3	195	20.6%	-8000	3	-143	0.2%	16	149		7.7%
5	164	17.3%	-6000	. 6	-107	0.4%	20	81		4.2%
6	97	10.2%	-4000	18	-72	1.1%	24	48		2.5%
7	34	3.6%	-2000	49	-36	3.1%	28	32		1.7%
8	6	0.6%	0	567	0	35.8%	32	19		1.0%
TOTAL	948		2000	224	36	14.2%	36	23		1.2%
			4000	245	72	15.5%	40	10		0.5%
2-GAT	ESORTS		6000	185	107	11.7%	44	11		0.6%
DET	SORTS	FREQ%	8000	115	143	7.3%	48	8		0.4%
9	133	13.6%	10000	55	179	3.5%	52	8		0.4%
10	239	24.4%	12000	34	215	2.1%	56	10		0.5%
11	200	20.4%	14000	27	250	1.7%	60	7		0.4%
12	186	19.0%	16000	15	286	0.9%	64	5		0.3% 0.2%
13	141	14.4%	18000	20	322	1.3%	68	4		
14	58	5.9%	20000	13	358	0.8%	72 72	. 2		0.1% 0.2%
15	21	2.1%	22000	0	394	0.0%	76	4		0.2%
TOTAL	978		24000	0	429	0.0%	80	4		0.1%
			26000	0	465	0.0%	84			2.4%
			>28000	0	0	0.0%	>84	1 026		2.770
			TOTAL	1,583			TOTAL	1,926		
	TYPES	HPE	1,899	MPE	3545	DISE	30626			







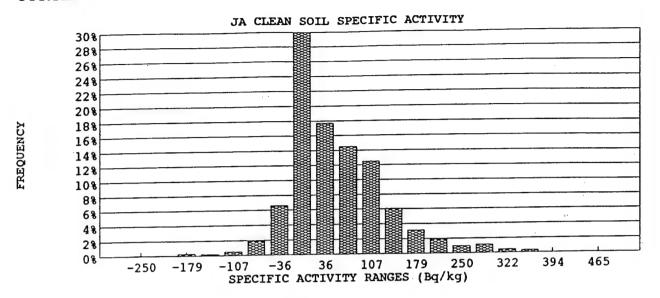


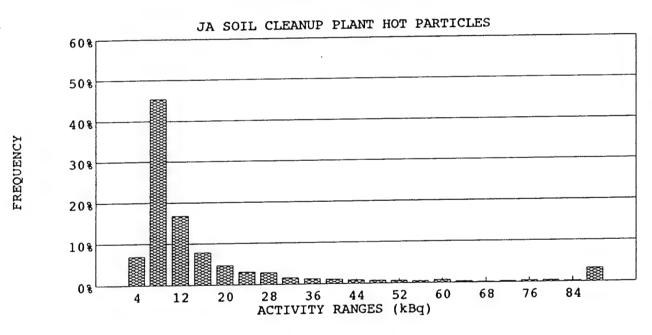
#### WORK HISTORY - JA SOIL CLEANUP PLANT

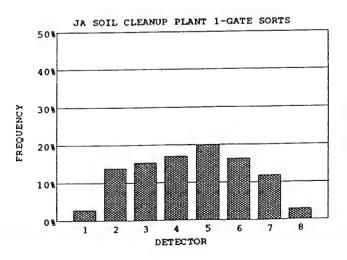
01-Apr-94

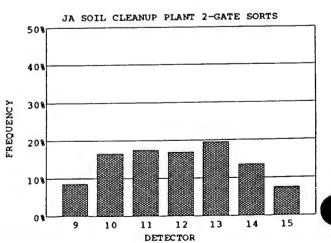
WORK DAY START	06:00 AM		WORK DAY E	ΝD	16:30 PM	
LUNCH START	11:00 AM		TIME LOST DU	JRING LUNCH	0.0 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL
						(sorter hours)
WORK HOURS		10.5 hr	10.5 hr	10.5 hr	10.5 hr	42.0 hr
SORTER AVAILABLE HOURS	}	10.1 hr	10.1 hr	0.0 hr	0.0 hr	20.2 hr
SORTER START-UP		06:15	06:15	NA	NA	
START SOIL PROCESSING		06:26	06:26	`NA	NA	
TIME REQUIRED TO START-	-UP	0.2 hr	0.2 hr	0.0 hr	0.0 hr	0.4 hr
SORTER SHUT-DOWN		16:20	16:20	NA	NA	
END SOIL PROCESSING		16:04	16:06	NA	NA	
TIME REQUIRED TO SHUT D	OWN	0.3 hr	0.2 hr	0.0 hr	0.0 hr	0.5 hr
ACTUAL PROCESS HOURS		8.9 hr	9.0 hr	0.0 hr	0.0 hr	17.9 hr
DOWN-TIME		1.2 hr	1.1 hr	0.0 hr	0.0 hr	2.3 hr
SYSTEM PAUSE		0.8 hr	0.7 hr	0.0 hr	0.0 hr	1.4 hr
SORTER NONAVAILABLE TIL	ME	0.4 hr	0.4 hr	10.0 hr	10.0 hr	20.8 hr
AUTHORIZED DELAY TIME		0.0 hr	0.0 hr	10.0 hr	10.0 hr	20.0 hr
PLANT PERFORMANCE						88.8%
PRODUCTIVTY						42.6%
PRODUCTIVITY						
Date	(	01-Apr-94	Exc	used Delays for d	ay (sorter – hrs)	20 hr
Contract day (from 6 Sep)		167	Exc	used delays for co	ontract (sorter-hrs)	2,742 hr
Current Contract week		28	Exc	used delay days (p	olant – days)	69 days
			Exc	used delay month	s (plant-month)	2.64 months
Soil production for Day		180 MT	Γ			
Cumlative Soil Production for We	ek	670 MT	Per	cent of contract co	ompleted	38.4%
Total Soil production for contract			Ton	s Ahead or Behin	d Schedule	1,864 MT
Since 6 Sep 93		36,838 MT	Day	s ahead or behind	l schedule	6 days
Since 6 Aug 93		38,429 MT	٢			
Total Soil production for project		64,716 MT	-			

SORTE	R 1							Apr-94	
		RTER SOIL I	DENSITY	1.20 tons			CKGROUND		65 ± 0.03 c
OIL					CONTAM	NATED	CLEAN		OTAL
M.A	ASS TOTA	L			19.0 t	ons	70.4 tons	89	.4 tons
	XIMUM/				58.1 k	•	55.9 kg		
MI	NIMUM/S	ORT			0.7 k	-	48.9 kg	50	
VC	LUMEIN	-GROUND			15.1 y		55.8 yd³	Λ	).9 yd³
WI	EIGHTRE	COVERY (C	LEAN/(HOT	+CLEAN))		78.8%			
ACTIVI	TY						DISPERSED	+ PARTICLE	
1011					PART	CLE	нот	CLE	
m	TAL				38,414 k	:Bq	30,141 kBq	-	25 kBq
	AXIMUM/	SORT			1,928 1	:Bq	1,322 kBq		19 kBq
	NIMUM/S				2 1	:Bq	(17,894)Bq		14 kBq
	ECIFIC A						1,587 Bq/kg		47 Bq/kg
ORTS									
	_SEC PD (	CESS PERIO	ODS				1,599	UNE	XP PAUSE
20-	-SECTRO AT	1.80 FI FMF	NTS SORT (N	ID>0&MN	D=0)	333		TIM	Е ПМЕ
			MD=0 & M		,	1,018		12:	49 09:46
	140	ME(AD>0&	0 <md<mn< td=""><td>Dmax&amp;MNT</td><td>)<mndmax)< td=""><td>248</td><td></td><td>13:</td><td></td></mndmax)<></td></md<mn<>	Dmax&MNT	) <mndmax)< td=""><td>248</td><td></td><td>13:</td><td></td></mndmax)<>	248		13:	
		EXPLAINEI		,	0				14:44
	01		AD<1kBq &	MD>0	1				
			D=0 & MD>		0				
			D<0 & MD >		1				
2-	SEC COU	NT PERIOD	S				15,990		
_	2-	SEC RECOR	DS WITH SO	RTS		1,961			
	2-	SEC RECOR	DS WITHOU	TSORTS		14,029			
TC	TAL PRO	CESS RECO	RDS (2-s SO	RTS and 20	-s PERIODS	)	3,560		
NO	ONPROCE	SSING RECO	ORDS (Test, o	alibration, e	tc)		1		
2-	SEC SOR	TDETECTO	RS				•	0.5%	
	1 I	DET	1,336	68.1%		DET	9		
	21	DET	465	23.7%		DET	0	0.0% 0.0%	
	31	DET	118	6.0%		7 DET	0	0.0%	
		DET	33	1.7%		BDET	U	0.070	
A\	VERAGE	TIMEBETW	EEN 2-SEC	SOR 15	23.9	sec			
FREQU	JENCY	DISTRI	BUTION				. com n	NITIM	FREQ%
1-GATE	SORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM	TREQX
DET S	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	~	(kBq)	(#) 136	6.9%
1	28	2.8%	14000	1	-250	0.1%	4		45.4%
2	138	13.9%	-12000	1	-215	0.1%	8	890 330	16.8%
3	152	15.3%	-10000	4	-179		12	155	7.9%
4	169	17.0%	-8000	3	-143	0.2%	16 20	93	4.7%
5	198	19.9%	-6000	8	-107	0.5%	24	61	3.1%
6	162	16.3%	-4000	30	-72 -36	1.9% 6.6%	28	56	2.9%
7	118	11.9%	-2000	106	-36 0	31.9%	32	30	1.5%
8	28	2.8%	2000	510	36	31.9% 17.7%	36	24	1.2%
TOTAL	993		2000	283	72	14.5%	40	22	1.1%
			4000	232 200	107	12.5%	44	17	0.9%
2-GATE		ED EO	6000 8000	200 97	143	6.1%	48	13	0.7%
	SORTS	FREQ%	10000	50	179	3.1%	52	12	0.6%
9	83	8.6%	12000	30	215	1.9%	56	10	0.5%
10	160	16.5%	14000	15	250	0.9%	60	14	0.7%
11	169	17.5%	16000	18	286	1.1%	64	6	0.3%
12	164	16.9%	18000	7	322	0.4%	68	4	0.2%
13	189	19.5%	20000	5	358	0.3%	<b>7</b> 2	5	0.3%
14	131	13.5%			394	0.0%	76	7	0.4%
15 _	72	7.4%	22000	0 0	394 429	0.0%	80	7	0.4%
TOTAL	<b>96</b> 8		24000		465	0.0%	84	5	0.3%
			26000	0		0.0%	>84	64	3.3%
			>28000	1.600	0	0.0%	TOTAL	1,961	
			TOTAL	1,600				1,701	
EVENTT		HPE	1,842	MPE	3686	DISE	21654		





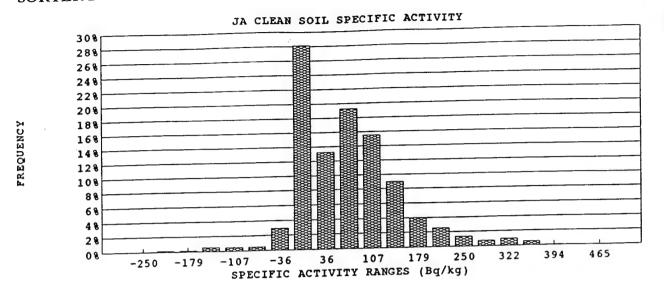


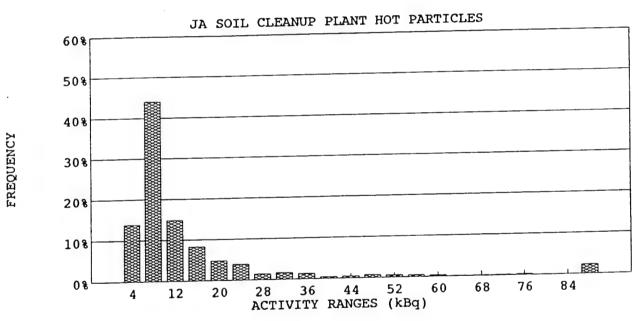


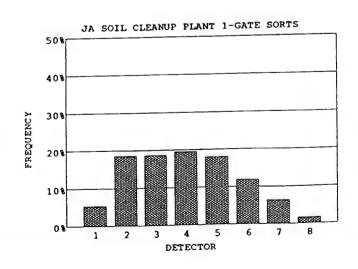
SORT	TER 2					01-Apr-94						
	SC	ORTER SOIL	DENSITY	1.20 to	ns/m³	В	ACKGROUND		0.72			
SOIL					CONTAM	INATED	CLEAN		TOTA			
	MASS TOTA	AL			19.4	lons	71.5 tons		90.8 t	ons		
	MAXIMUM	SORT			58.1	kg	55.9 kg					
	MINIMUM/	SORT			0.7	kg	46.8 kg					
		N-GROUNE			15.3	yd³	56.7 yd <sup>3</sup>		72.0 y	d³		
	WEIGHTR	ECOVERY (	CLEAN/(HO)	+CLEAN)	)	78.7%						
	VITY						DISPERSE	) + PARTI	CLE			
1011	* * * * *				PART	ICLE	нот		CLEAN			
	TOTAL				34,459		28,164 kBq		4,931 k	ъВq		
	MAXIMUM	KORT			843.	•	591 kBq		20 k	_		
	MINIMUM/					kBq	(16,192)Bq		-12 k	æβg		
	SPECIFIC A						1,455 Bq/kg			sq/kg		
SORT		CHVIII										
		o opeo pen i	ODC				1,625	,	UNEXP	PAUSE		
		OCESS PERI		10.0010	TD(1)	338	1,020		TIME	TIME		
			ENTS SORT (		√D=0)				12:44	09:46		
	N	ONE (AD=0	& MD=0 & M	(0<חאו	D AME .	1,013			13:54	13:51		
					D <mndmax)< td=""><td>273</td><td></td><td></td><td>14:49</td><td>14:44</td></mndmax)<>	273			14:49	14:44		
	U		D RECORDS		1				14.43	7-4-4-4		
			<ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>		0							
			D=0 & MD>		0							
			D<0 & MD >	•0	3		16.250					
		JNT PERIOD					16,250					
			RDS WITH SO			2,212						
			RDS WITHOU			14,038						
					)—s PERIODS	)	3,837					
			ORDS (Test,	calibration, o	etc)		1					
	2-SEC SOR	TDETECTO	ORS									
	1	DET	1,517	68.6%		5 DET	2	0.1%				
	21	DET	546	24.7%		6 DET	0	0.0%				
	31	DET	121	5.5%		7 DET	0	0.0%				
		DET	26	1.2%		8 DET	0	0.0%				
			EEN 2-SEC		21.4	sec						
FREC	DUENCY	/ DISTRI	BUTION	IS								
	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%		
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)				
1	59	5.4%	-14000	0	-250	0.0%	4	305		13.8%		
2	205	18.6%	-12000	2	-215	0.1%	8	973		44.0%		
3		18.7%	-10000	2	-179	0.1%	12	327		14.8%		
•		19.5%	-8000	9	-143	0.6%	16	184		8.3%		
4	215	18.0%	-6000	8	-107	0.5%	20	106		4.8%		
5	198		-4000 -4000	8	-72	0.5%	24	86		3.9%		
6	130	11.8%	-2000	48	-36	3.0%	28	31		1.4%		
7	70	6.4%		46 457	-30	28.1%	32	37		1.7%		
8	18	1.6%	2000		36	13.2%	36	29		1.3%		
TOTAL	1,101		2000	215	72	19.2%	40	9		0.4%		
			4000	313 252	107	15.5%	44	10		0.5%		
	m			/3/	10/					0.8%		
	TESORTS	CD CO	6000		1.42	g nor.	AR			-1070		
DET	SORTS	FREQ%	8000	146	143	9.0%	48	17		0.5%		
DET 9	SORTS 139	12.5%	8000 10000	146 65	179	4.0%	52	12		0.5% 0.5%		
DET 9 10	SORTS 139 235	12.5% 21.2%	8000 10000 12000	146 65 41	179 215	4.0% 2.5%	52 56	12 10		0.5%		
DET 9 10 11	SORTS 139 235 232	12.5% 21.2% 20.9%	8000 10000 12000 14000	146 65 41 22	179 215 250	4.0% 2.5% 1.4%	52 56 60	12 10 8		0.5% 0.4%		
DET 9 10 11 12	SORTS 139 235 232 202	12.5% 21.2% 20.9% 18.2%	8000 10000 12000 14000 16000	146 65 41 22 12	179 215 250 286	4.0% 2.5% 1.4% 0.7%	52 56 60 64	12 10 8 2		0.5% 0.4% 0.1%		
DET 9 10 11 12 13	SORTS 139 235 232 202 172	12.5% 21.2% 20.9% 18.2% 15.5%	8000 10000 12000 14000 16000 18000	146 65 41 22 12	179 215 250 286 322	4.0% 2.5% 1.4% 0.7% 1.0%	52 56 60 64 68	12 10 8 2 2		0.5% 0.4% 0.1% 0.1%		
DET 9 10 11 12	SORTS 139 235 232 202	12.5% 21.2% 20.9% 18.2% 15.5% 8.1%	8000 10000 12000 14000 16000 18000 20000	146 65 41 22 12 16 9	179 215 250 286 322 358	4.0% 2.5% 1.4% 0.7% 1.0% 0.6%	52 56 60 64 68 72	12 10 8 2 2 5		0.5% 0.4% 0.1% 0.1% 0.2%		
DET 9 10 11 12 13	SORTS 139 235 232 202 172	12.5% 21.2% 20.9% 18.2% 15.5%	8000 10000 12000 14000 16000 18000	146 65 41 22 12	179 215 250 286 322 358 394	4.0% 2.5% 1.4% 0.7% 1.0% 0.6% 0.1%	52 56 60 64 68 72 76	12 10 8 2 2 5 6		0.5% 0.4% 0.1% 0.1% 0.2% 0.3%		
DET 9 10 11 12 13 14	139 235 232 202 172 90	12.5% 21.2% 20.9% 18.2% 15.5% 8.1%	8000 10000 12000 14000 16000 18000 20000	146 65 41 22 12 16 9	179 215 250 286 322 358 394 429	4.0% 2.5% 1.4% 0.7% 1.0% 0.6% 0.1% 0.0%	52 56 60 64 68 72 76	12 10 8 2 2 5 6		0.5% 0.4% 0.1% 0.1% 0.2% 0.3% 0.0%		
DET 9 10 11 12 13 14	SORTS 139 235 232 202 172 90 41	12.5% 21.2% 20.9% 18.2% 15.5% 8.1%	8000 10000 12000 14000 16000 18000 20000 22000	146 65 41 22 12 16 9	179 215 250 286 322 358 394	4.0% 2.5% 1.4% 0.7% 1.0% 0.6% 0.1%	52 56 60 64 68 72 76	12 10 8 2 2 5 6		0.5% 0.4% 0.1% 0.1% 0.2% 0.3% 0.0%		
DET 9 10 11 12 13	SORTS 139 235 232 202 172 90 41	12.5% 21.2% 20.9% 18.2% 15.5% 8.1%	8000 10000 12000 14000 16000 18000 20000 22000 24000	146 65 41 22 12 16 9	179 215 250 286 322 358 394 429	4.0% 2.5% 1.4% 0.7% 1.0% 0.6% 0.1% 0.0%	52 56 60 64 68 72 76	12 10 8 2 2 5 6 1 1		0.5% 0.4% 0.1% 0.1% 0.2% 0.3% 0.0%		
DET 9 10 11 12 13 14	SORTS 139 235 232 202 172 90 41	12.5% 21.2% 20.9% 18.2% 15.5% 8.1%	8000 10000 12000 14000 16000 18000 20000 22000 24000 26000	146 65 41 22 12 16 9 1	179 215 250 286 322 358 394 429	4.0% 2.5% 1.4% 0.7% 1.0% 0.6% 0.1% 0.0%	52 56 60 64 68 72 76 80	12 10 8 2 2 5 6		0.5% 0.4% 0.1% 0.1% 0.2% 0.3% 0.0%		

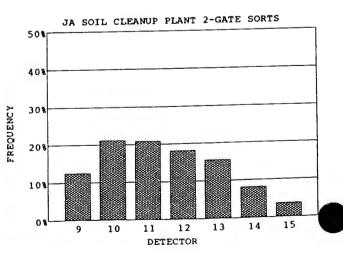
SORTER 2

01-Apr-94







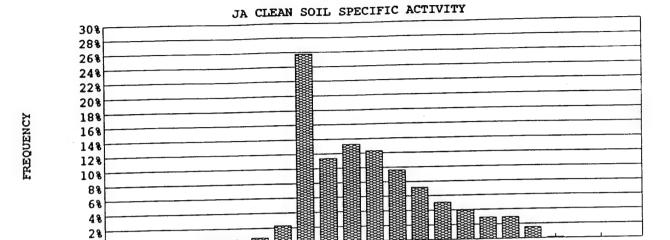


02-Apr-94

WORK DAY START	05:00 AM	,	WORK DAY	ENI	)	15:30 PM		
LUNCH START	11:00 AM		TIME LOST	DUR	ING LUNCH	0.0 HR		
		SORTER 1	SORTER	2	SORTER 3	SORTER 4	TOTAL	ours)
WORK HOURS		10.5 hr	10.5 I	hr	10.5 hr	10.5 hr	42.0 h	r
SORTER AVAILABLE HOURS		7.7 hr	7.7 1	hr	0.0 hr	0.0 hr	15.3 h	τ
SORTER START-UP		05:20	05:20		NA	NA		
START SOIL PROCESSING		05:33	05:33		NA	NA		
TIME REQUIRED TO START-	-UP	0.2 hr	0.2 1	hr	0.0 hr	0.0 hr	0.5 h	ſ
SORTER SHUT-DOWN		13:00	13:00		NA	NA		
END SOIL PROCESSING		12:43	12:42		NA	NA		
TIME REQUIRED TO SHUT D	OWN	0.3 hr	0.3 1	hr	0.0 hr	0.0 hr	0.6 h	r
ACTUAL PROCESS HOURS		7.0 hr	7.1	hr	0.0 hr	0.0 hr	14.1 h	r
DOWN-TIME		0.6 hr	0.6	hr	0.0 hr	0.0 hr	1.2 h	r
SYSTEM PAUSE		0.1 hr	0.1	hr	0.0 hr	0.0 hr	0.2 h	ır
SORTER NONAVAILABLE TI	ME.	2.8 hr	2.8	hr	10.0 hr	10.0 hr	25.7 h	ır
AUTHORIZED DELAY TIME	12	0.0 hr	0.0	hr	10.0 hr	10.0 hr	20.0 h	т
PLANTPERFORMANCE							91.9%	
PRODUCTIVTY							33.6%	
PRODUCTIVITY								
Date	(	02-Apr-94		Excus	ed Delays for d	ay (sorter – hrs)	20 h	ır
Contract day (from 6 Sep)		168		Excus	ed delays for co	entract (sorter-hrs)	2,762 h	ır
Current Contract week		28		Excus	ed delay days (	olant-days)	69 6	,
				Excus	ed delay month	s (plant-month)	2.66 r	nonths
Soil production for Day		142 MT	•					
Cumlative Soil Production for We	:ck	811 MT	•	Perce	nt of contract c	ompleted	38.6%	
Total Soil production for contract				Tons	Ahead or Behir	nd Schedule	1,847 1	MT
Since 6 Sep 93		36,980 MT	•	Days	ahead or behind	i schedule	6 0	iays
Since 6 Aug 93		38,571 MT	•					
Total Soil production for project		64,858 MT	,					

								Apr. 04	
SORT						**		-Apr-94	0.65 ± 0.02 c
	S	ORTER SOIL	DENSITY	1.20 ton			BACKGROUND CLEAN		OTAL
SOIL					CONTAM				0.7 tons
	MASS TOT				15.1		55.6 tons 55.9 kg	•	o.r tois
	MAXIMUN				55.9 0.7	-	43.3 kg		
	MINIMUM				11.9	•	44.1 yd <sup>3</sup>	5	6.0 yd³
	VOLUME	N-GROUND	Y EANI/HOT	TO EVIV		78.7%	,-		
		ECOVERY (C	LEAN/(HUI	+CLEAN))		70.770	DISPERS	ED + PARTICL	E
ACTIV	VITY				PART	TOT E	HOT	CLI	
							22,460 kBq		707 kBq
	TOTAL				35,375 4,384	•	3,158 kBq	-,	20 kBq
	MAXIMUN				•	kBq	0 Bq	-	-15 kBq
_	MINIMUM				-	a.s.q	1,491 Bq/kg		103 Bq/kg
	SPECIFIC A	ACTIVITI							
SORT		o once pro	200				1,264	UN	EXP PAUSE
- 7	20-SEC PF	OCESS PERIO	NITE CORTA	MD>0&MN	m=0)	257		TIM	ие тиме
		LL 80 ELEME			vj	609		07	2:36 09:32
	N	ONE (AD=0& OME (AD>0&	M M D=U & M	Dmar&MNI	D <mndmar)< td=""><td></td><td></td><td></td><td></td></mndmar)<>				
	S	OME (AD>0& NEXPLAINEI	ひ ひにしつりかる	DINGY OCIVITY	0 (MINDINAX)				
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			D=0 & MD>		0				
	•		D=0& MD> D<0& MD >		0				
	2-SEC CO	UNT PERIOD					12,640		
•	2	-SEC RECOR	DS WITH SC	RTS		1,509			
	2	-SEC RECOR	DS WITHOU	T SORTS		11,131			
	TOTAL PR	OCESS RECO	RDS (2-s SC	RTS and 20	-s PERIODS	5)	2,773		
1	NONPROC	ESSING REC	ORDS (Test, o	alibration, e	tc)		4		
;	2-SEC SO	RT DETECTO	RS			( DPT	0	0.0%	
	_	DET	1,084	71.8%		5 DET	0	0.0%	
	2	DET	344	22.8%		6 DET 7 DET	0	0.0%	
	_	DET	64	4.2% 1.1%		8 DET	0	0.0%	
		DET TIME BETW	17 EEN 2 SEC		23.3				
		Y DISTRI			SPEC_A	ED EO%	ACT P	NUM	FREQ%
	ESORTS		ACT_ND	NUM	(Bq/kg)	FREQ76	(kBq)	(#)	
	SORTS	FREQ%	(Bq) -14000	(#) 1	-250	0.1%	4	114	7.6%
1	33	4.3%		0	-215	0.0%	8	659	43.7%
2	107	14.0%	-12000 -10000	3	-213 -179	0.0%	12	263	17.4%
3	121	15.9% 16.8%	-8000	5	-143	0.4%	16	128	8.5%
4 5	128 142	18.6%	-6000	4	-107	0.3%	20	76	5.0%
6	116	15.2%	-4000	9	-72	0.7%	24	56	3.7%
7	90	11.8%	-2000	29	-36	2.3%	28	37	2.5%
8	25	3.3%	0	327	0	25.8%	32	18	1.2%
TOTAL	762		2000	144	36	11.4%	36	17	1.1% 1.0%
			4000	168	72	13.2%	40	15 18	1.0%
2-GAT	ESORTS		6000	156	107	12.3%	44	13	0.9%
DET	SORTS	FREQ%	8000	122	143	9.6%	48 52	8	0.5%
9	73	9.8%	10000	91	179	7.2%	56	13	0.9%
10	112	15.0%	12000	64	215	5.0% 3.9%	60	9	0.6%
11	124	16.6%	14000	50 37	250 286	3.9% 2.9%	64	3	0.2%
12	156	20.9%	16000	37 37	322	2.9%	68	5	0.3%
13	123	16.5%	18000		358	1.5%	72	4	0.3%
14	95	12.7%	20000	19	394	0.2%	76	3	0.2%
15	64	8.6%	22000	2	429	0.2%	80	3	0.2%
TOTAL	747		24000	0	465	0.0%	84	5	0.3%
			26000	0		0.0%	>84	42_	2.8%
			>28000	1 268	0	0.0%	TOTAL	1,509	
			TOTAL	1,268	1962	DISE	18140		
EVENT"	TYPES	HPE	1,449	MPE	1702	יייי			

0%



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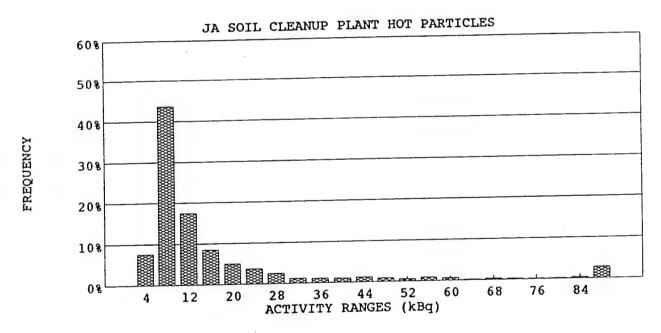
107 -36 36 107 179 250 SPECIFIC ACTIVITY RANGES (Bq/kg)

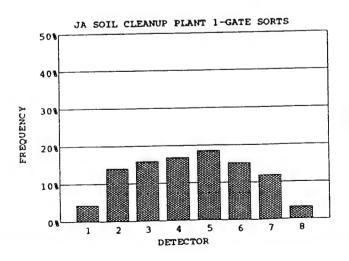
-107

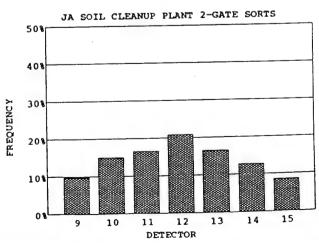
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179

250







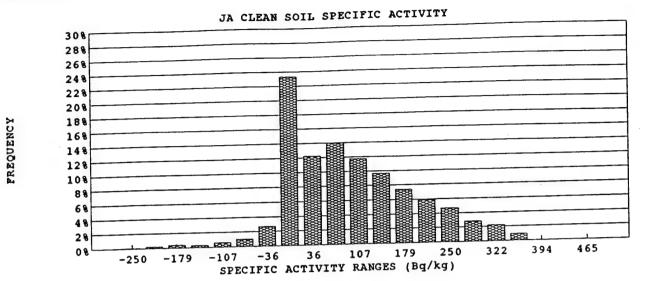
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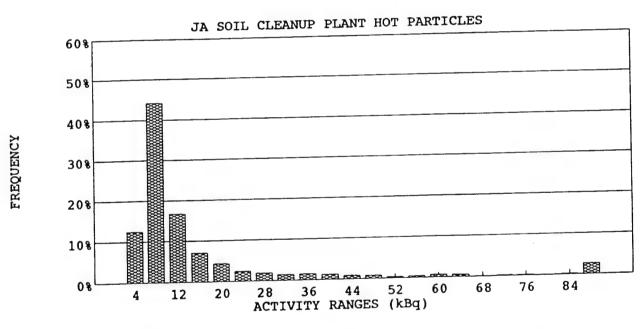
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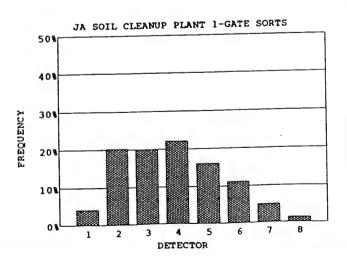
465

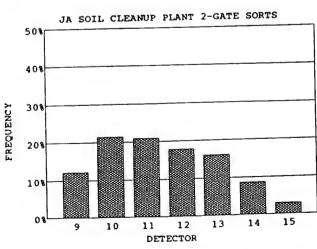
SORTI	ER 2							<b>Дрг−94</b>	
		RTER SOIL	DENSITY	1.20 tons	s/m³	B	ACKGROUND		.74 ± 0.03 c
SOIL					CONTAM	INATED	CLEAN	T	OTAL
	AASS TOTA	NT.			12.6		58.5 tons	7:	1.2 tons
-	AAXIMUM.				55.9	kg	55.9 kg		
	AAXIMUM/ AINIMUM/				0.7	•	46.1 kg		
		N-GROUND			10.0	•	46.4 yd3	56	6.4 yd³
	VEIGHTRI	FCOVERY (C	LEAN/(HOT	+CLEAN))		82.3%			
		Dec / Divi					DISPERSED	+ PARTICLE	3
ACTIV	11 1				PART	ICI E	нот	CLE	AN
					28,795		18,150 kBq	5.5	42 kBq
	TOTAL	CODT			3,002	-	1,571 kBq		20 kBq
	MUMIXAN					kBq	(61)Bq	_	15 kBq
	MINIMUM/					- 1	1,437 Bq/kg		95 Bg/kg
	PECIFIC A	CHVIII							
SORT	5						1,273	UNE	EXP PAUSE
2	0-SEC PR	OCESS PERIO	ODS	m. 0015	D -0\	213	13	TIM	
	Al	LL 80 ELEME	NTS SORT (	MD>0&MN	D=0)	645			:07 09:35
	N	ONE (AD=0	& MD=0 & M	ND>0)	ALAND				:37
	SC	OME(AD>08	20 <md<mn< td=""><td>Dmax&amp;MNI</td><td>∨ MNDmax)</td><td>413</td><td></td><td></td><td>:48</td></md<mn<>	Dmax&MNI	∨ MNDmax)	413			:48
	U	NEXPLAINE	DRECORDS	Lan.	2				:49
			<ad<1kbq &<="" td=""><td></td><td>3</td><td></td><td></td><td></td><td>:14</td></ad<1kbq>		3				:14
			D=0 & MD>		0			14	'
			D<0 & MD >	•0	2		12,730		
2	SEC COU	INT PERIOD	S			1,456	14,730		
	2-	-SEC RECOR	DS WITH SO	RTS		1,436			
	2-	-SEC RECOR	DS WITHOU	T SOR IS	- PCDIODS		2,729		
7	TOTAL PRO	OCESS RECO	RDS (2-s SC	RTS and 20	-s PERIODS	)	5		
1	NONPROC	ESSING REC	ORDS (Test,	alibration, e	ic)		,		
2		TDETECTO		60.00%		5 DET	3	0.2%	
		DET	1,005	69.0%		6 DET	0	0.0%	
		DET	345	23.7% 5.6%		7 DET	0	0.0%	
		DET	82 21	1.4%		8 DET	0	0.0%	
		DET		_	25.3				
			EEN 2-SEC		20.0				
		DISTRI	BUTION		anna :	ED EOW	ACT D	NUM	FREQ%
1-GAT	ESORTS		ACT_ND	NUM	SPEC_A	rkeQ%	ACT_P	(#)	
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	~	(kBq)	182	12.5%
1	30	4.1%	-14000	1	-250	0.1%	4	643	44.2%
2	148	20.3%	-12000	3	-215	0.2%	8	243	16.7%
3	146	20.0%	-10000	5	-179	0.4%	12 16	103	7.1%
4	161	22.1%	-8000	4	-143	0.3%	16 20	64	4.4%
5	117	16.0%	-6000	8	-107	0.6%	24	35	2.4%
6	81	11.1%	-4000	13	-72	1.0%	28	28	1.9%
7	36	4.9%	-2000	34	-36	2.7%	32	21	1.4%
8	10	1.4%	0	298	0	23.3%	36	22	1.5%
TOTAL	729		2000	156	36	12.2%	40	18	1.2%
			4000	178	72	13.9% 11.7%	44	13	0.9%
	ESORTS	4	6000	150	107	9.6%	48	12	0.8%
DET	SORTS	FREQ%	8000	123	143	9.6% 7.4%	52	5	0.3%
9	88	12.1%	10000	94	179	7.4% 5.9%	56	6	0.4%
10	156	21.5%	12000	75	215	3.9% 4.7%	60	9	0.6%
11	152	20.9%	14000	60	250	2.8%	64	8	0.5%
12	130	17.9%	16000	36	286		68	0	0.0%
13	117	16.1%	18000	28	322	2.2%	72	2	0.1%
14	63	8.7%	20000	12	358	0.9%	72 76	2	0.1%
15	21	2.9%	22000	0	394	0.0%	76 80	0	0.0%
TOTAL	727		24000	0	429	0.0%	84	2	0.1%
			26000	0	465	0.0%			2.6%
			>28000	0	0	0.0%	>84	38	2.0 76
			TOTAL	1,278			TOTAL	1,456	
		HPE	1,380	MPE	2114	DISE	14578		

#### SORTER 2









### WORK HISTORY - JA SOIL CLEANUP PLANT

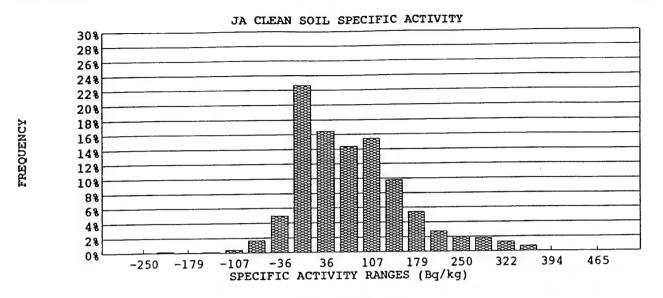
04 - Apr -94

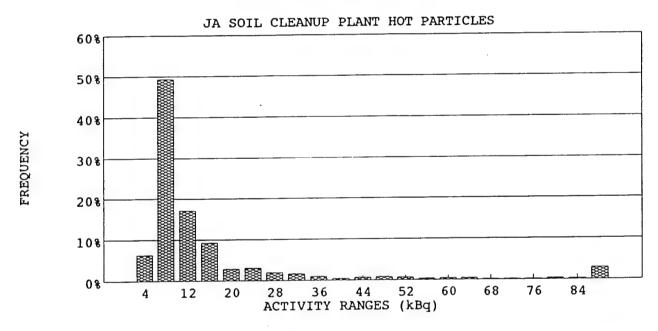
					v C.	ID.	16:30	PM		
WORK DAY START	06:00	AM		WORK DA				FM 5 HR		
LUNCH START	11:00	AM		TIME LOS	rbu	IRING LUNCH	0	) fik		
		SOR	TER 1	SORTE	R 2	SORTER 3	SORT	ER 4	TOTAL	Ĺ
		501	·····						(sorter	hours)
WORK HOURS			10.0 hr	10.0	hr	10.0 hr	10.0	) hr	40.0	hr
SORTER AVAILABLE H	OURS		0.0 hr	0.0	hr	0.0 hr	0.0	) hr	0.0	hr
SORTER START-UP			NA	NA		NA	NA			
START SOIL PROCESSIN	1G		NA	NA		NA	NA	1		
TIME REQUIRED TO ST			0.0 hr	0.0	hr	0.0 hr	0.0	) hr	0.0	hr
SORTER SHUT-DOWN			NA	NA		NA	NA	<b>\</b>		
END SOIL PROCESSING			NA	NA		NA	N.A	١.		
TIME REQUIRED TO SH			0.0 hr	0.0	hr	0.0 hr	0.0	) hr	0.0	hr
ACTUAL PROCESS HOU			0.0 hr	0.0	hr	0.0 hr	0.0	) hr	0.0	hr
DOWN-TIME			0.0 hr	0.0	hr	0.0 hr	0.0	) hr	0.0	hr
SYSTEM PAUSE			0.0 hr	0.0	hr	0.0 hr	0.0	) hr	0.0	hr
SORTER NONAVAILAB	LETIME		10.0 hr	10.0	hr	10.0 hr	10.0	) hr	40.0	hr
AUTHORIZED DELAY			0.0 hr	0.0	hr	10.0 hr	10.0	) hr	20.0	hr
PLANT PERFORMANCE									NA	
PRODUCTIVTY									0.0%	
· Robotoni										
PRODUCTIVITY										
Date		04-A	or –94		Excu	ised Delays for d	ay (sorte	r-hrs)	20	hr
Contract day (from 6 Sep)			169		Excu	ised delays for co	ntract (s	orter-hrs)	2,782	hr
Current Contract week			29		Excu	ised delay days (p	olant – da	ys)		days
					Excu	ised delay month	s (plant-	month)	2.68	months
Soil production for Day			0 M7	Γ						
Cumlative Soil Production f	or Week		0 M7			ent of contract co			38.6%	
Total Soil production for co	ntract				Tons	Ahead or Behin	d Schedi	ıle	1,689	
Since 6 S	Sep 93	3	36,980 M7	Γ	Days	ahead or behind	i schedul	c	5	days
Since 6 A	Aug 93	3	38,571 M7	Γ						
Total Soil production for pr	oject	6	54,858 M7	Γ						

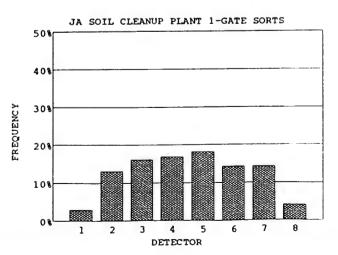
05-Apr-94

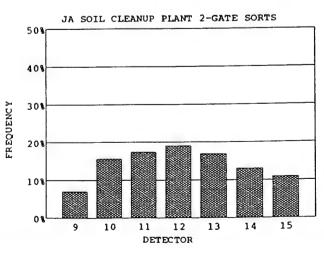
WORK DAY START	06:00 AM		WORK DA	Y EN	ID	16:30 PM		
LUNCH START	11:00 AM		TIMELOS	rdu	RING LUNCH	0.0 HR		
		SORTER 1	SORTE	2	SORTER 3	SORTER 4	TOTAL	L
		bon ien	001172				(sorter	hours)
WORK HOURS		10.5 hr	10.5	hr	10.5 hr	10.5 hr	42.0	hr
SORTER AVAILABLE HOUR	RS	10.3 hr	10.3	hr	0.0 hr	0.0 hr	20.7	hг
SORTER START-UP		06:00	06:00		NA	NA		
START SOIL PROCESSING		06:07	06:07		NA	NA		
TIME REQUIRED TO STAR	Γ-UP	0.1 hr	0.1	hr	0.0 hr	0.0 hr	0.3	hr
SORTER SHUT-DOWN		16:20	16:20		NA	NA		
END SOIL PROCESSING		16:08	16:06		NA	NA		
TIME REQUIRED TO SHUT	DOWN	0.2 hr	0.2	hr	0.0 hr	0.0 hr	0.4	hr
ACTUAL PROCESS HOURS		9.5 hr	9.5	hr	0.0 hr	0.0 hr	19.0	hr
DOWN-TIME		0.8 hr	0.8	hr	0.0 hr	0.0 hr	1.6	hr
SYSTEM PAUSE		0.5 hr	0.5	hr	0.0 hr	0.0 hr	1.0	hr
SORTER NONAVAILABLE	пме	0.2 hr	0.2	hг	10.0 hr	10.0 hr	20.3	hr
AUTHORIZED DELAY TIM	Е	0.0 hr	0.0	hr	10.0 hr	10.0 hr	20.0	hr
PLANT PERFORMANCE							92.1%	
PRODUCTIVTY							45.3%	
PRODUCTIVITY								
Date	C	)5-Apr-94		Excu	sed Delays for d	ay (sorter-hrs)	20	hr
Contract day (from 6 Sep)		170		Excu	ised delays for co	ntract (sorter-hrs)	2,802	hr
Current Contract week		29		Excu	ised delay days (p	olant – days)		days
				Excu	ised delay month	s (plant-month)	2.69	months
Soil production for Day		192 M	r					
Cumlative Soil Production for V	Veck	192 M	r	Perc	ent of contract co	ompleted	38.8%	
Total Soil production for contra	ct				Ahead or Behin		1,722	
Since 6 Sep 9	03	37,171 M	Γ	Days	ahead or behind	l schedule	5	days
Since 6 Aug	93	38,762 M	Γ					
Total Soil production for project		65,049 MT	Γ					

SORT	ΓER 1						05-	Apr-94	
		ORTER SOIL	DENSITY	1.20 to	ns/m³	В	ACKGROUND		$0.66 \pm 0.02$
SOIL					CONTAN	INATED	CLEAN		TOTAL
	MASS TOT	AL			10.8	tons	85.1 tons		95.9 tons
	MAXIMUN	1/SORT			58.1	•.	55.9 kg		
	MINIMUM				0.7	•	48.9 kg		7(0 1)
		N-GROUND			· 8.6	-	67.4 yd <sup>3</sup>		76.0 yd <sup>3</sup>
		ECOVERY (	CLEAN/(HO)	(+CLEAN)	)	88.7%			
ACTI	VITY							D + PARTI	
					PART	TOLE	HOT	(	CLEAN
	TOTAL				23,405	•	16,978 kBq		5,681 kBq
	MAXIMUN	I/SORT			1,738	•	1,020 kBq		20 kBq
	MINIMUM	SORT			3	kBq	(25,426)Bq		-14 kBq
	SPECIFICA	ACTIVITY					1,565 Bq/kg		67 Bq/kg
SORT	ΓS							_	minum natio
		OCESS PERI					1,716		UNEXP PAUSI
	Α	LL 80 ELEME	ENTS SORT (	MD>0&M	$\sqrt{D}=0$ )	183			тие тие
	N	ONE (AD=0	& MD=0 & M	(ND>0		1,139			15:31 06:07
	S	OME (AD>08	&0 <md<mn< td=""><td>Dmax&amp;MN</td><td></td><td>394</td><td></td><td></td><td>15:27</td></md<mn<>	Dmax&MN		394			15:27
	U	NEXPLAINE			0				
			<ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td></ad<1kbq>		0				
			D=0 & MD>	_	0				
			D<0 & MD >	•0	1		17.160		
	2-SEC CO	UNT PERIOD	)S			1 277	17,160		
		-SEC RECOR				1,277 15,883			
	2	-SEC RECOR	RDS WITHOU	11.20K12	n a DEDIODS		2,993		
	TOTAL PR	OCESS RECO	ORDS (2-s SC	OK 15 and 2	o-s PERIOD.	")	1		
		ESSING REC		canoration,	eic)		•		
		RT DETECTO	901	70.6%		5 DET	2	0.2%	
		DET DET	306	24.0%		6 DET	0	0.0%	
		DEL	56	4.4%		7 DET	0	0.0%	
		DET	12	0.9%		8 DET	0	0.0%	
		TIME BETW		SORTS	38.1	sec			
FREC		Y DISTRI							
	TESORTS	DIOTAL	ACT_ND	NUM	SPEC_A	FREO%	ACT P	NUM	FREQ
DET		FREO%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)	
1		2.9%	-14000	1	-250	0.1%	4	81	6.3%
2		13.1%	-12000	3	-215	0.2%	8	630	49.3%
3		16.2%	-10000	1	-179	0.1%	12	219	17.1%
4		16.9%	-8000	2	-143	0.1%	16	118	9.2%
5		18.1%	-6000	7	-107	0.4%	20	37	2.9%
6	94	14.3%	-4000	28	-72	1.6%	24	40	3.1%
7	94	14.3%	-2000	85	-36	5.0%	28	25	2.0%
8	27	4.1%	0	389	0	22.7%	32	21	1.6%
TOTAL	656		2000	282	36	16.4%	36	12	0.9%
			4000	247	72	14.4%	40	5 R	0.4% 0.6%
2-GA7	TE SORTS		6000	265	107	15.4%	44	8 10	0.6%
DET		FREQ%	8000	168	143	9.8%	48	8	0.6%
9		7.1%	10000	93	179	5.4%	52	4	0.3%
10		15.6%	12000	47	215	2.7%	56 60	5	0.4%
11		17.4%	14000	34	250	2.0% 1.8%	64	5	0.4%
	118	19.0%	16000	31	286 322	1.3%	68	2	0.2%
12		16.9%	18000	22 12		0.7%	72	2	0.2%
12 13				17	358	0.7%			
12 13 14	81	13.0%	20000			0.00/	76	2	11.7%
12 13 14 15	81 <u>68</u>	13.0% 11.0%	22000	0	394	0.0%	76 80	2	0.2% 0.3%
12 13 14	81 <u>68</u>		22000 24000	0 0	394 429	0.0%	80	4	0.3%
12 13 14 15	81 <u>68</u>		22000 24000 26000	0 0 0	394 429 465	0.0% 0.0%	80 84	4	0.3% 0.2%
12 13 14 15	81 <u>68</u>		22000 24000	0 0	394 429	0.0%	80	4	0.3%

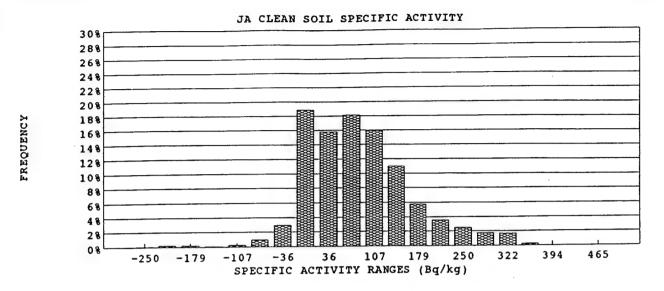


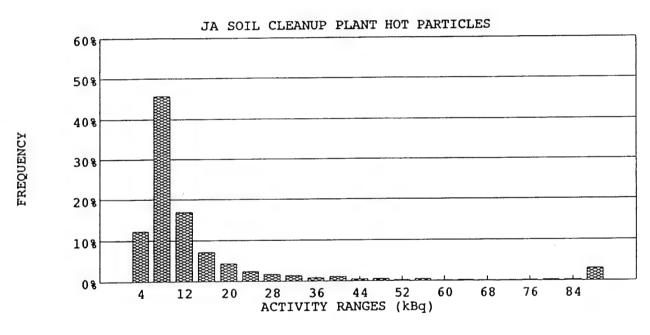


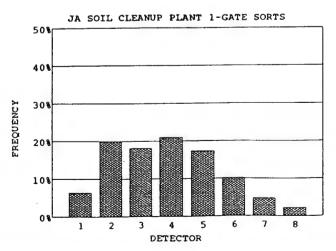


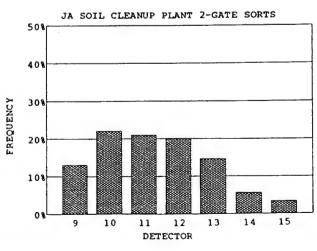


SORTE	R 2						05-	Apr-94		
SOKIE		SORTER SOIL D	ENSITY	1.20 tons	/m³	BA	CKGROUND		74 ±	
SOIL		DOK. D. L.			CONTAMI	NATED	CLEAN	_	OTA	
	ASS TO	TAI			9.8 to	ons	85.8 tons	9	5.6 to	ons
		JM/SORT			58.1 k	g	55.9 kg			
		M/SORT			0.7 k		44.7 kg			
MI	OT TIME	EIN-GROUND			7.8 y	d³	68.0 yd <sup>3</sup>	7	5.8 y	d³
W	CICHT	RECOVERY (C	LEAN/(HOT	+CLEAN))		89.7%				
ACTIV							DISPERSE	D + PARTICLI	Ξ	
ACITY	111				PARTI	CLE .	HOT	CLE	AN	
					49,235 k		23,949 kBq	6,5	75 k	Bq.
	OTAL	DAKODT			5,390 k	-	3,731 kBq		20 k	:Bq
		JM/SORT			2 k	Bq	(19,987)Bq	-	12 k	_
		M/SORT CACTIVITY					2,440 Bq/kg		77 B	iq/kg
		ACTIVITY								
SORTS			DC.				1,711	UNI	ΣXΡ	PAUSE
20	-SEC	PROCESS PERIO	me contra	AD-ORMNI	D=0)	162	,	TIM	Œ	TIME
		ALL 80 ELEMEN	MD=0 % 24	グレンシ	J – V)	1,115		06	:07	06:08
		NONE (AD=0 & SOME (AD>0&)	いいしゃしゃいい	Dmar&MNF	<mndmax)< td=""><td>434</td><td></td><td>08</td><td>:40</td><td>15:27</td></mndmax)<>	434		08	:40	15:27
		UNEXPLAINED	<b>ひたしつひかる</b> ハイMD~MN	DINAMENTAL	0			15	:31	
		UNEXPLAINEL	AD<1kBq &	MD>0	1					
			)=0 & MD>		0					
			)<0 & MD>		2					
	ere e	OUNT PERIODS		V			17,110			
2-	-SEC C	2-SEC RECOR	, DS WITH SC	ORTS		1,503				
		2-SEC RECOR	JOHTIW 20	IT SORTS		15,607				
TV	OTAL I	ROCESS RECO	2DS/2-sSC	RTS and 20	-s PERIODS	)	3,214			
10	OMBRI	CESSING RECO	OR DS (Test.	alibration, e	ıc)		7			
N	CECS	ORT DETECTOR	25		,					
2-	-SEC S	1 DET	1,040	69.2%	4	DET	9	0.6%		
		2 DET	364	24.2%	(	DET	0	0.0%		
		3 DET	73	4.9%	•	DET	1	0.1%		
		4 DET	17	1.1%	8	DET	0	0.0%		
Δ,	VERA	GETIME BETWE	EEN 2-SEC	SORTS	32.9 5	ec				
EDEOI	TEN	CY DISTRI	RUTION	IS						
			ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
1-GATE			(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
	SORTS		-14000	1	-250	0.1%	4	184		12.2%
1	47		-12000	4	-215	0.2%	8	687		45.7%
2	148		-10000	4	-179	0.2%	12	254		16.9%
3	134		-8000	2	-143	0.1%	16	107		7.1%
4	155		-6000	5	-107	0.3%	20	66		4.4%
5 6	128 75		-4000	17	-72	1.0%	24	37		2.5%
7	35		-2000	50	-36	2.9%	28	26		1.7%
9	16		. 0	324	0	18.9%	32	21		1.4%
TOTAL -	738	Maria	2000	271	36	15.8%	36	12		0.8%
TOTAL	750	•	4000	311	72	18.1%	40	17		1.1%
2-GATE	SORT	S	6000	273	107	15.9%	44	8		0.5%
DET			8000	189	143	11.0%	48	9		0.6% 0.3%
9	100		10000	99	179	5.8%	52	4		0.5%
10	169		12000	61	215	3.6%	56	7		0.1%
11	161		14000	43	250	2.5%	60	2		0.1%
12	154		16000	30	286	1.7%	64	3		0.1%
13	112		18000	29	322	1.7%	68	1		0.1%
14	43		20000	5	358	0.3%	72	1		0.1%
15	26		22000	0	394	0.0%	76	3		0.2%
TOTAL	765		24000	0	429	0.0%	80	4		0.3%
			26000	0	465	0.0%	84	4		3.1%
			>28000	0	0	0.0%	>84	46		3.170
			TOTAL	1,718			TOTAL	1,503		
	YPES	HPE	1,458	MPE	2108	DISE	10477			





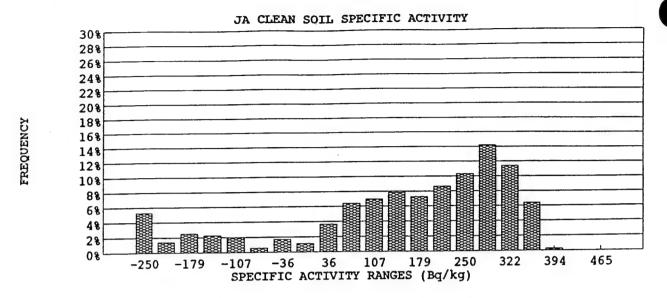


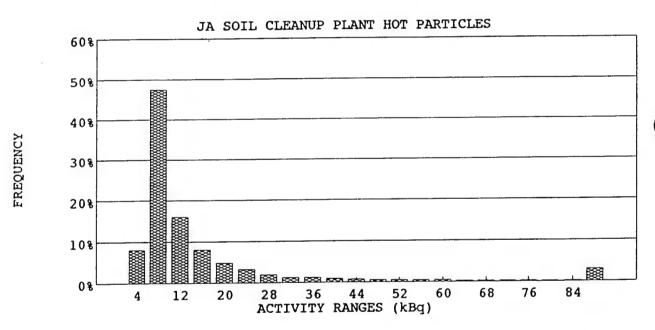


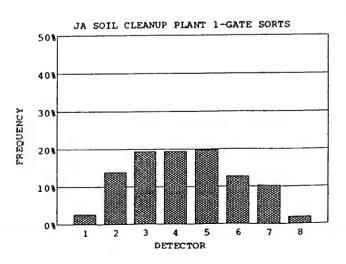
06 - Apr - 94

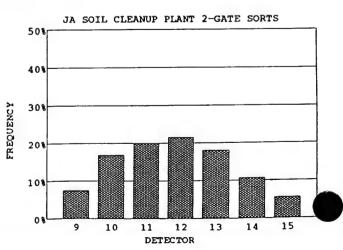
WORK DAY START	06:00 AN	4	WORK DAY EN	4D	16:30 PM		
LUNCH START	11:00 AN		TIME LOST DU	IRING LUNCH	0.0 HR		
20.1011						mom	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL	
						(sorter	,
WORK HOURS		10.5 hr	10.5 hr	10.5 hr	10.5 hr	42.0	
SORTER AVAILABLE HOU	JRS	10.2 hr	10.2 hr	0.0 hr	0.0 hr	20.3	hr
SORTER START-UP		06:10	06:10	NA	NA		
START SOIL PROCESSING	<del>,</del>	06:27	06:28	NA	NA	_/	
TIME REQUIRED TO STA	RT-UP	0.3 hr	0.3 hr	0.0 hr	0.0 hr	0.6	hr
SORTER SHUT-DOWN		16:20	16:20	NA	NA		
END SOIL PROCESSING		16:04	16:04	NA	NA		
TIME REQUIRED TO SHU	T DOWN	0.3 hr	0.3 hr	0.0 hr	0.0 hr	0.5	
ACTUAL PROCESS HOUR		8.7 hr	8.8 hr	0.0 hr	0.0 hr	17.4	
DOWN-TIME		1.5 hr	1.4 hr	0.0 hr	0.0 hr	2.9	hr
SYSTEM PAUSE		1.0 hr	0.9 hr	0.0 hr	0.0 hr	2.0	hr
SORTER NONAVAILABLE	ТІМЕ	0.3 hr	0.3 hr	10.0 hr	10.0 hr	20.7	hr
AUTHORIZED DELAY TI		0.0 hr	0.0 hr	10.0 hr	10.0 hr	20.0	hr
PLANT PERFORMANCE						85.8%	
PRODUCTIVTY						41.5%	
PRODUCTIVITY							
Date		06-Apr-94	Exc	used Delays for d	ay (sorter – hrs)	20	hr
Contract day (from 6 Sep)		171	Ехс	used delays for co	ontract (sorter-hrs)	2,822	hr
Current Contract week		29	Exc	used delay days (1	plant – days)	71	days
Current Consider Nove			Exc	used delay month	s (plant-month)	2.71	months
Soil production for Day		176 MT	Γ				
Cumlative Soil Production for	Week	367 M7	Pero	ent of contract co	ompleted	38.9%	
Total Soil production for cont			Ton	s Ahead or Behir	nd Schedule	1,739	MT
Since 6 Sep		37,347 MT	T Day	s ahead or behind	i schedule	5	days
Since 6 Au		38,938 M7	Г				
Total Soil production for proje		65,225 MT	r				

SORTE	ER 1						06-4	<b>Дрг</b> -94	
		RTER SOIL D	ENSITY	1.20 tons	s/m³	BA	CKGROUND		5 ± 0.04 c
OIL					CONTAM	INATED	CLEAN	TO	TAL
	LASS TOTA	I.			68.0 t	ons	19.4 tons	87.4	4 tons
	(AXIMUM/				58.1 1	g	55.9 kg		
	INIMUM/S				0.7 k	g	41.2 kg		
		-GROUND			53.9 y	rd³	15.4 yd³	69.	3 yd³
w	/FIGHT RE	COVERY (CI	EAN/(HOT	+CLEAN))		22.2%			
CTIV							DISPERSE	+ PARTICLE	
CIIV	11 1				PART	ICI E	нот	CLEA	N
					176,569 k		121,595 kBq	2,78	8 kBq
	OTAL	CORT			12,333 1	•	9,712 kBq		0 kBq
	(AXIMUM/					cBq	(34,086)Bq	-2	1 kBq
-	IINIMUM/S						1,788 Bq/kg	14	4 Bq/kg
	PECIFIC A	CHAILI							
ORTS							1,563	UNES	PAUSE
20	0-SEC PRO	CESS PERIO	DS	ID- 00:4:	D 0'	1 204	1,000	TIME	
		L 80 ELEMEN			D=0)	1,206		10:2	
	NC	NE (AD=0 &	MD=0 & M	ND>0)	A CATE - S	145		12:3	_
		ME(AD>0&0		Umax&MNI	O <mndmax)< td=""><td>212</td><td></td><td>12:3</td><td>-</td></mndmax)<>	212		12:3	-
	UN	EXPLAINED		MD: C	0			12:3	
			AD<1kBq &		1			13:4	•
			=0 & MD>		7			13:4	
			<0 & MD >	U	/		15,630	14:3	_
2		NT PERIODS		DTC		6,659	10,000	15:2	
		SEC RECORI				8,971			12:37
_	2-	SEC RECORI	22 WITHOU	DTC and 20	- PEDIODS		8,222		12:57
Т	OTALPRO	CESS RECOR	(D2 (2-5 3C	alibration a	-\$1ERIODS	,	2		13:00
		ESSING RECO		anoration, c			-		13:20
2		T DETECTOR	4,516	67.8%		DET	33	0.5%	13:22
		ET	1,604	24.1%		6 DET	0	0.0%	13:34
		ET	397	6.0%		DET DET	3	0.0%	14:27
	_	ET	109	1.6%		B DET	0	0.0%	15:21
		DET TIME BETWE			6.9				
ED EO	TIENICS	DISTRI	DI TTION	2					
_		DISTRI			CDCC A	EDEOW.	ACT_P	NUM	FREQ%
1-GATE			ACT_ND	NUM	SPEC_A	FREQ%	(kBq)	(#)	
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg) -250	5.3%	(kDq)	539	8.1%
1	90	2.7%	-14000	19			8	3,161	47.5%
2	472	13.9%	-12000	5	-215	1.4%	12	1,066	16.0%
3	659	19.4%	-10000	9	-179 -143	2.5% 2.2%	16	537	8.1%
4	659	19.4%	-8000	8	-143 -107	1.9%	20	325	4.9%
5	670	19.7%	-6000	7	-107 -72	0.6%	24	215	3.2%
6	430	12.7%	-4000	2	-72 -36	1.7%	28	126	1.9%
7	349	10.3%	-2000	6	-30 0	1.1%	32	81	1.2%
	64	1.9%	2000	4	36	3.6%	36	82	1.2%
TOTAL	3,393		2000	13	72	6.4%	40	60	0.9%
			4000 6000	23 25	107	7.0%	44	47	0.7%
2-GATE		ED EOW	8000	28 28	143	7.8%	48	37	0.6%
DET	SORTS	FREQ%	10000	26 26	179	7.2%	52	39	0.6%
9	244	7.5% 16.8%	12000	31	215	8.6%	56	32	0.5%
10	549 652		14000	37	250	10.3%	60	31	0.5%
11	652	20.0% 21.5%	16000	51	286	14.2%	64	18	0.3%
12	703 587	18.0%	. 18000	41	322	11.4%	68	15	0.2%
13			20000	23	358	6.4%	72	14	0.2%
14	349	10.7%			394	0.3%	76	17	0.3%
15	182	5.6%	22000	1	394 429	0.3%	80	13	0.2%
TOTAL	3,266		24000	0			84	9	0.1%
			26000	0	465	0.0%			2.9%
			>28000	0	0	0.0%	>84	195	2.770
					_	0.0		6.650	
<u>EVENT I</u>		НРЕ	TOTAL 6,126	359 MPE	14,669	DISE	TOTAL 76,527	6,659	

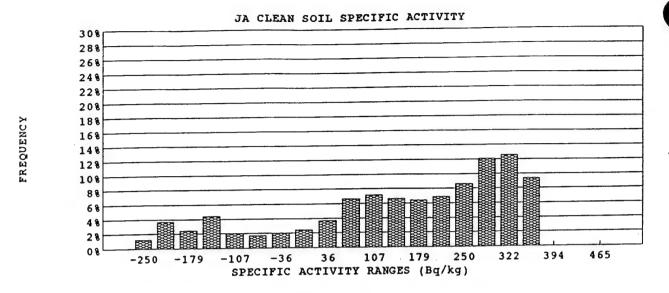


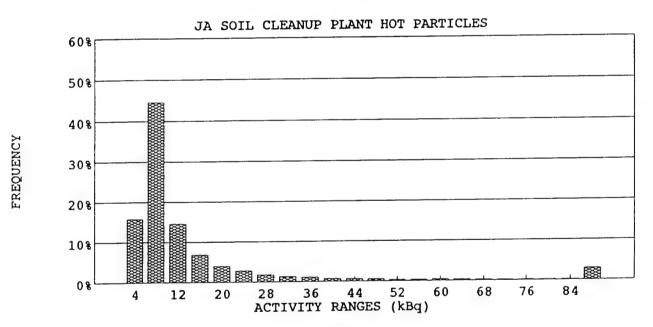


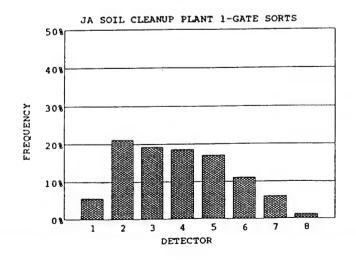


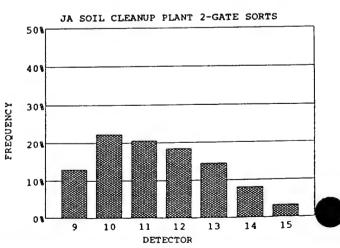


SORT	ER 2							Apr-94	
		RTER SOIL D	ENSITY	1.20 ton	s/m³	BA	CKGROUND		77 ± 0.04 c
SOIL					CONTAM	INATED	CLEAN		TAL
	AASS TOTA	AL.			66.4 1	ons	21.7 tons	88	.1 tons
_	MUMIXAN				58.1	(g	55.9 kg		
	MINIMUM/				0.7 1	ιg	44.0 kg		
7	OLUMEI	N-GROUND			52.7 y		17.2 yd <sup>3</sup>	69	.9 yd³
\	VEIGHT RI	ECOVERY (CL	EAN/(HOT	+CLEAN))		24.6%			
ACTIV							DISPERSE	D + PARTICLE	
1011					PART	ICLE	HOT	CLEA	AN
7	TOTAL				142,457 1	cВq	104,394 kBq	•	l3 kBq
	MAXIMUM	SORT			3,367 1	c <b>B</b> q	2,568 kBq		20 kBq
	MINIMUM/				2 1	cВq	(20,795)Bq		l9 kBq
	SPECIFIC A						1,571 Bq/kg	1	14 Bq/kg
SORT									
		OCESS PERIO	DS				1,576		XP PAUSE
•	Al	LL 80 ELEMEN	TS SORT (	MD>0&MN	D=0)	1,175		TIM	
	N	ONE (AD=0 &	MD=0 & M	ND>0)		148		10:	
	sc	OME (AD>0&0	<md<mn< td=""><td>Dmax&amp;MNI</td><td>D<mndmax)< td=""><td>252</td><td></td><td>12:</td><td></td></mndmax)<></td></md<mn<>	Dmax&MNI	D <mndmax)< td=""><td>252</td><td></td><td>12:</td><td></td></mndmax)<>	252		12:	
		NEXPLAINED	RECORDS		1			12:	
			AD<1kBq &		0			12:	
			=0 & MD>		0			13: 13:	
			<0 & MD >	0	11		15,760	13:	
2		JNT PERIODS		n TC		6,754	15,700	14:	
	2-	-SEC RECORI	OS WITH SC	K12		9,006		15:	
	2-	-SEC RECORI	)2 WITHOU	DTS and 20	- PERIODS		8,330	15:	
	TOTAL PRO	OCESS RECOR	DDC (Test of	alibration e	-\$1 ERIODS	,	5	16:	03 15:21
!	NONPROC	ESSING RECO RT DETECTOR	KD3 ( Test (	anoration, c	,		_		15:25
		DET	.s 4,597	68.1%		DET	31	0.5%	
		DET	1,600	23.7%		6 DET	0	0.0%	
		DET	424	6.3%		7 DET	2	0.0%	
		DET	102	1.5%		8 DET	1	0.0%	
		TIME BETWE			6.8	sec			
		DISTRIE							
		Diolikii	ACT_ND	NUM	SPEC_A	FREO%	ACT_P	NUM	FREQ%
	ESORTS	ED EOW	(Bq)	(#)	(Bq/kg)	I ILDQ //	(kBq)	(#)	
	SORTS	FREQ% 5.6%	-14000	5	-250	1.2%	4	1,068	15.8%
1	192	21.2%	-12000	15	-215	3.7%	8	3,009	44.6%
2	724 658	19.3%	-10000	10	-179	2.5%	12	983	14.6%
	635	18.6%	-8000	18	-143	4.4%	16	459	6.8%
5	580	17.0%	-6000	8	-107	2.0%	20	270	4.0%
6	376	11.0%	-4000	7	- <b>7</b> 2	1.7%	24	192	2.8%
7	206	6.0%	-2000	8	-36	2.0%	28	122	1.8%
8	40	1.2%	0	10	0	2.5%	32	88	1.3%
TOTAL	3,411		2000	15	36	3.7%	36	73	1.1%
			4000	27	72	6.7%	40	50	0.7%
2-GAT	ESORTS		6000	29	107	7.1%	44	41	0.6%
DET	SORTS	FREQ%	8000	27	143	6.7%	48	38	0.6% 0.3%
9	435	13.0%	10000	26	179	6.4%	52	23	0.3%
10	746	22.3%	12000	28	215	6.9%	56	22 29	0.4%
11	688	20.6%	14000	35	250	8.6%	60	23	0.4%
12	616	18.4%	16000	49	286	12.1%	64	23 18	0.3%
13	481	14.4%	18000	51	322	12.6%	68 72	15	0.2%
14	269	8.0%	20000	38	358	9.4%		13	0.2%
15	108	3.2%	22000	0	394	0.0% 0.0%	76 80	11	0.2%
TOTAL	3,343		24000	0	429 465	0.0%	84	11	0.2%
			26000	0				197	2.9%
			>28000	0	0	0.0%	>84 TOTAL	6,754	2.370
			TOTAL	406				0,754	
	TYPES	HPE	6,350	MPE	15,051	DISE	73,683		









07 - Apr -94

WORK DAY START	06:00 AM		WORK DAY EN	ND	16:30 PM	
LUNCH START	11:00 AM		TIMELOST DU	IRING LUNCH	0.0 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL (sorter hours)
			-061	10.5 hr	10.5 hr	42.0 hr
WORK HOURS		10.5 hr	10.5 hr	10.5 hr	0.0 hr	20.0 hr
SORTER AVAILABLE HO	URS	10.0 hr	10.0 hr	010 011	NA	20.0 111
SORTER START-UP		06:10	06:10	NA	NA NA	
START SOIL PROCESSING		06:17	06:17	NA On I		0.2 hr
TIME REQUIRED TO STA	RT-UP	0.1 hr	0.1 hr	0.0 hr	0.0 hr	0.2 nr
SORTER SHUT-DOWN		16:10	16:10	NA	NA	
END SOIL PROCESSING		15:51	15:50	NA	NA	06 1-
TIME REQUIRED TO SHU	T DOWN	0.3 hr	0.3 hr	0.0 hr	0.0 hr	0.6 hr
ACTUAL PROCESS HOUR	.s	8.9 hr	8.9 hr	0.0 hr	0.0 hr	17.7 hr
DOWN-TIME		1.1 hr	1.1 hr	0.0 hr	0.0 hr	2.3 hr
SYSTEM PAUSE		0.8 hr	0.8 hr	0.0 hr	0.0 hr	1.6 hr
SORTER NONAVAILABLE	етіме	0.5 hr	0.5 hr	10.0 hr	10.0 hr	21.0 hr
AUTHORIZED DELAY TI		0.0 hr	0.0 hr	10.0 hr	10.0 hr	20.0 hr
PLANT PERFORMANCE						88.7%
PRODUCTIVTY						42.2%
PRODUCTIVITY						
Date	1	07-Apr-94	Exc	used Delays for o	day (sorter-hrs)	20 hr
Contract day (from 6 Sep)		172	Exc	used delays for c	ontract (sorter-hrs)	2,842 hr
Current Contract week		29	Exc	used delay days (	(plant – days)	71 days
Current Consider Nove			Exc	used delay mont	hs (plant-month)	2.73 month
Soil production for Day		178 MT	•			
Cumlative Soil Production fo	r Week	546 MT	Per	cent of contract of	completed	39.1%
Total Soil production for con			Tor	is Ahead or Behi	ind Schedule	1,760 MT
Since 6 Se		37,525 MT	Day	ys ahead or behir	nd schedule	6 days
Since 6 A	•	39,116 MT				
Total Soil production for pro	•	65,403 MT				
rotal soil production for pro	,					

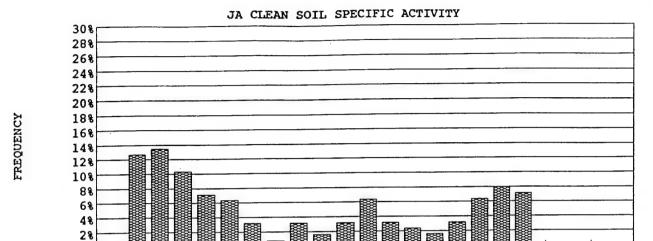
SORT	TER 1						07-	-Apr-94		
		ORTER SOIL	DENSITY	1.20 to	ns/m³	1	BACKGROUND		0.67 ±	± 0.05 c,
SOIL					CONTAN	INATED	CLEAN		TOTA	L
	MASS TOT	AL			82.5	tons	6.8 tons		89.2 to	ons
	MAXIMUN	I/SORT			58.1	kg	55.9 kg			
	MINIMUM	SORT			0.7	-	22.4 kg			
		N-GROUND			65.4	•	5.4 yd <sup>3</sup>		70.7 y	d³
		ECOVERY (C	LEAN/(HO)	(+CLEAN)	)	7.6%				
ACTI	VITY						DISPERSE	D + PART		
					PART	<b>TICLE</b>	HOT		CLEAN	
	TOTAL				186,250	kBq	156,028 kBq		(154)k	-
	MAXIMUM	I/SORT			10,745	-	6,521 kBq		20 k	•
	MINIMUM	SORT			2	kBq	(25,426)Bq		-23 k	•
	SPECIFIC A	ACTIVITY					1,892 Bq/kg		(23)B	iq/kg
SORT	rs									
	20-SEC PR	OCESS PERIO	DDS				1,596		UNEXP	
	Α	LL 80 ELEME	NTS SORT (	MD>0&MI	ND=0)	1,470			TIME	TIME
	N	ONE (AD=0 &	k MD=0 & M	(ND>0)		71			07:06	07:01
	S	OME(AD>0&	0 <md<mn< td=""><td>Dmax&amp;MN</td><td></td><td>55</td><td></td><td></td><td>07:55</td><td>07:03</td></md<mn<>	Dmax&MN		55			07:55	07:03
		NEXPLAINE	RECORDS		0				08:39	07:06
			AD<1kBq &		0				08:40	07:52 08:37
			D=0 & MD>		2				09:25 10:03	08:37
			D<0 & MD >	•0	10		15,960		10:05	09:23
		UNTPERIODS		vo arc		7,812	15,960		10:51	09:59
	_	-SEC RECOR -SEC RECOR				8,148			10:52	10:03
		OCESS RECOR			-s PERIODS		9,408		12:34	10:49
	NONPROC	ESSING RECO	ORDS (Test o	calibration.	etc)	,	0		12:35	10:51
		T DETECTOR		ALIIOTUTION, V	,				13:56	11:32
		DET	5,381	68.9%		5 DET	41	0.5%		12:28
		DET	1,807	23.1%		6 DET	0	0.0%		12:34
	_	DET	460	5.9%		7 DET	2	0.0%		13:52
		DET	123	1.6%		8 DET	0	0.0%		15:12
		TIME BETWE			6.2	sec				
FREC	UENCY	DISTRI	BUTION	IS						
	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1	106	2.7%	-14000	16	-250	12.7%	4	965		12.4%
2	641	16.1%	-12000	17	-215	13.5%	8	3,865		49.5%
3	757	19.0%	-10000	13	-179	10.3%	12	1,182		15.1%
4	760	19.1%	-8000	9	-143	7.1%	16	490		6.3%
5	788	19.8%	-6000	8	-107	6.3%	20	277		3.5%
6	503	12.6%	-4000	4	-72	3.2%	24	186		2.4%
7	355	8.9%	-2000	1	-36	0.8%	28	133		1.7% 1.4%
8	74	1.9%	0	4	0	3.2%	32	108 57		0.7%
TOTAL	3,984		2000	2	36 72	1.6%	36 40	51		0.7%
	Techno		4000	4 8	72 107	3.2% 6.3%	40 44	63		0.8%
	ESORTS	EDEOM.	6000 8000	4	143	3.2%	48	39		0.5%
DET 9	SORTS 365	FREQ% 9.5%	10000	3	179	2.4%	52	31		0.4%
10	363 667	17.4%	12000	2	215	1.6%	. 56	25		0.3%
11	770	20.1%	14000	4	250	3.2%	60	27		0.3%
12	758	19.8%	16000	8	286	6.3%	64	21		0.3%
13	664	17.3%	18000	10	322	7.9%	68	14		0.2%
14	394	10.3%	20000	9	358	7.1%	72	20		0.3%
15	210	5.5%	22000	ō	394	0.0%	76	19		0.2%
DTAL	3,828	3.370	24000	0	429	0.0%	80	6		0.1%
JIAL	3,040		26000	0	465	0.0%	84	10		0.1%
			>28000	0	0	0.0%	>84	223		2.9%
			TOTAL	126	U	0.070	TOTAL	7,812	-	
			IUIAL	120						

465

0%

-250

-179

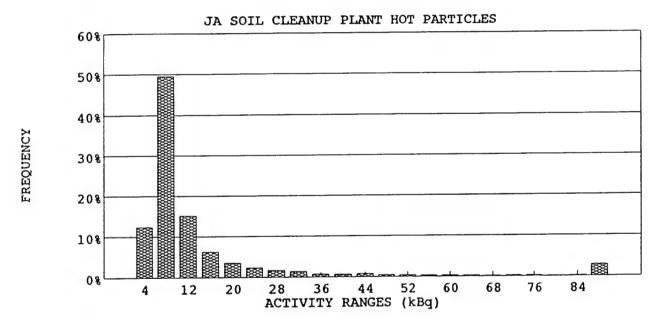


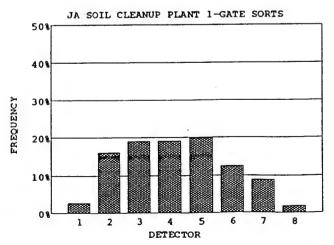
107 -36 36 107 179 250 SPECIFIC ACTIVITY RANGES (Bq/kg)

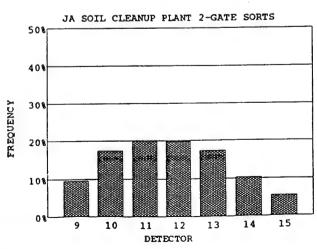
250

322

394



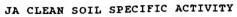


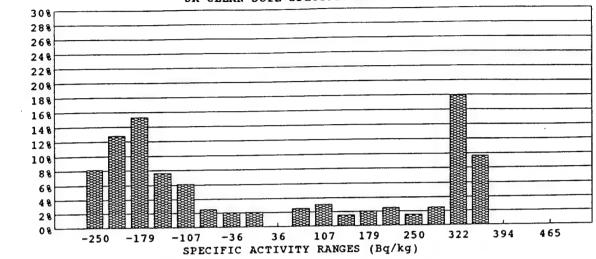


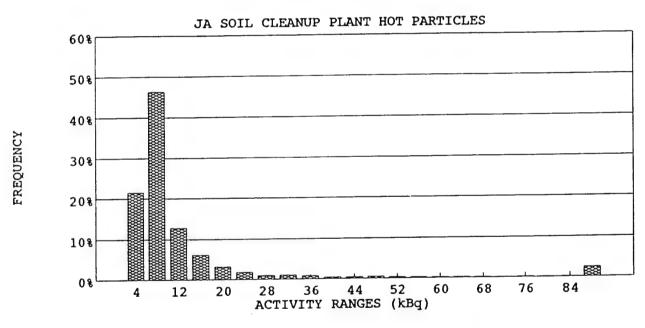
C-231

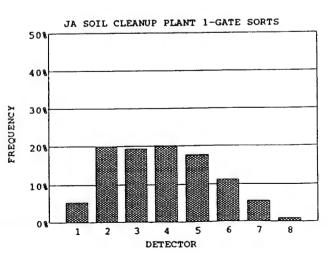
SORT	TER 2							Apr-94	20	
		RTER SOIL	DENSITY	1.20 tons	s/m³	BA	ACKGROUND		.76 :	
SOIL					CONTAM	NATED	CLEAN	_	OTA	
	MASS TOTA	AL.			78.9 t		10.3 tons	8	9.2 t	ons
	MAXIMUM				58.1 k	_	55.9 kg			
	MINIMUM/	SORT			0.7 1	-	42.6 kg	_		
	VOLUMEI	N-GROUND			62.5 y		8.2 yd <sup>3</sup>	7	0.7 y	/ <b>d</b> ,
	WEIGHT R	ECOVERY (C	CLEAN/(HOT	+CLEAN))		11.6%				
CTI	VITY						DISPERSED	+ PARTICLI	Ξ	
1011					PART	CLE	HOT	CLE	AN	
	TOTAL				133,606 1	:Bq	126,230 kBq	1	117 1	kBq
	MAXIMUM	SORT			5,504 1	:Bq	2,351 kBq		20 1	_
	MINIMUM/				2 1	<b>B</b> q	(27,581)Bq	-	-17 1	_
	SPECIFIC A						1,600 Bq/kg		11 1	Bq/kg
SORT										
OKI		OCECC BED I	one				1,596	UNI	EXP	PAUSI
	20-SEC PR	OCESS PERIO	ODS ENTS SORT (1	⊿D>0&MN	D=0)	1,406	•	ALT.	Œ	TIME
	Al	L 80 ELEME	0 1 1 3 3 C R 1 (1	MD>0	D=0)	113		07	:06	07:03
	N	UNE (AD=0	& MD=0 & M &0 <md<mn< td=""><td>Dmar&amp;MNC</td><td>)<mndmar)< td=""><td>77</td><td></td><td>07</td><td>:08</td><td>07:07</td></mndmar)<></td></md<mn<>	Dmar&MNC	) <mndmar)< td=""><td>77</td><td></td><td>07</td><td>:08</td><td>07:07</td></mndmar)<>	77		07	:08	07:07
			D RECORDS		0			07	:55	07:52
	U		<ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td>08</td><td>:39</td><td>08:37</td></ad<1kbq>		0			08	:39	08:37
			D=0 & MD>		1			08	:40	09:2
			D<0 & MD>		10				:25	09:50
	2_000.001	A NT PERIOD			••		15,960	10	:03	10:04
			S RDS WITH SC	RTS		7,482		10	:05	10:4
			DS WITHOU			8,478		10	:51	11:33
	TOTAL DD	SEC RECOR	RDS (2-s SC	RTS and 20	-s PERIODS	,	9,078	12	:34	12:2
	NONDROCK	CESS RECC	ORDS (Test, o	alibration. c	ic)		6	12	:35	13:5
	2-SEC SOR	TDETECTO	RS		,			13	:56	15:17
		DET	5,166	69.0%	:	DET	27	0.4%		
		DET	1,769	23.6%	(	DET	0	0.0%		
		DET	423	5.7%		DET	0	0.0%		
		DET	97	1.3%	8	DET	0	0.0%		
			EEN 2-SEC	SORTS	6.5 s	ec				
ZD E	TIENCY	DISTRI	BUTION	IS						
		DISTRI		NUM	SPEC_A	FR FO%	ACT_P	NUM		FREQ
	TESORTS		ACT_ND		(Bq/kg)	INDQ	(kBq)	(#)		
	SORTS	FREQ%	(Bq) -14000	(#) 16	-250	8.2%	4	1,607		21.5%
1		5.4%		25	-215	12.8%	8	3,466		46.39
2		19.9%	-12000 -10000	30		15.3%	12	959		12.8%
3		19.3%	-8000	15	-143	7.7%	16	458		6.19
4		20.1%	-6000 -6000	12	-107	6.1%	20	238		3.29
5		17.7%	-4000 -4000	5	-72	2.6%	24	136		1.89
6		11.2% 5.5%	-2000	4	-36	2.0%	28	73		1.09
		0.9%	-2000	4	0	2.0%	32	78		1.09
7		0.970	2000	0	36	0.0%	36	59		0.89
8	33		2000	5		2.6%	40	33		0.49
8					12	2.070				0.49
8 TOTAL	3,726		4000		72 107		44	32		
8 TOTAL 2-GA	3,726 TE SORTS	ED EOG.	4000 6000	6	107 143	3.1%		32 36		0.59
8 OTAL 2-GA DET	TE SORTS SORTS	FREQ%	4000 6000 8000	6 3	107		44			0.39
8 OTAL 2-GA DET	TE SORTS SORTS 497	13.2%	4000 6000 8000 10000	6 3 4	107 143	3.1% 1.5% 2.0%	44 48	36		0.39 0.39
8 OTAL 2-GA DET 9	3,726 TE SORTS SORTS 497 0 818	13.2% 21.8%	4000 6000 8000 10000 12000	6 3 4 5	107 143 179	3.1% 1.5% 2.0% 2.6%	44 48 52	36 26		0.39 0.39 0.29
8 TOTAL 2-GA DET 9 10	3,726 TE SORTS SORTS 497 0 818 787	13.2% 21.8% 21.0%	4000 6000 8000 10000 12000 14000	6 3 4 5 3	107 143 179 215 250	3.1% 1.5% 2.0% 2.6% 1.5%	44 48 52 56	36 26 20		0.39 0.39 0.29
8 TOTAL 2-GA DET 9 10 11 12	3,726 TE SORTS SORTS 497 0 818 787 704	13.2% 21.8% 21.0% 18.7%	4000 6000 8000 10000 12000 14000 16000	6 3 4 5 3 5	107 143 179 215 250 286	3.1% 1.5% 2.0% 2.6% 1.5% 2.6%	44 48 52 56 60 64	36 26 20 14		0.5% 0.3% 0.39 0.2% 0.29 0.29
8 TOTAL 2-GA' DET 9 10 11 12	3,726 TE SORTS SORTS 497 818 787 704 8 535	13.2% 21.8% 21.0% 18.7% 14.2%	4000 6000 8000 10000 12000 14000 16000 18000	6 3 4 5 3 5 35	107 143 179 215 250 286 322	3.1% 1.5% 2.0% 2.6% 1.5% 2.6% 17.9%	44 48 52 56 60	36 26 20 14 14		0.39 0.39 0.29 0.29 0.29
8 FOTAL 2-GA' DET 9 10 11 12 13	3,726 TE SORTS SORTS 497 818 787 704 8 535 1 309	13.2% 21.8% 21.0% 18.7% 14.2% 8.2%	4000 6000 8000 10000 12000 14000 16000 18000 20000	6 3 4 5 3 5 35	107 143 179 215 250 286 322 358	3.1% 1.5% 2.0% 2.6% 1.5% 2.6% 17.9% 9.7%	44 48 52 56 60 64 68 72	36 26 20 14 14		0.39 0.39 0.29 0.29 0.29 0.19
8 FOTAL 2-GA' DET 9 10 11 12 13 14	3,726 TE SORTS SORTS 497 818 787 704 8 535 4 309 5 106	13.2% 21.8% 21.0% 18.7% 14.2%	4000 6000 8000 10000 12000 14000 16000 18000 20000 22000	6 3 4 5 3 5 35 19	107 143 179 215 250 286 322 358 394	3.1% 1.5% 2.0% 2.6% 1.5% 2.6% 17.9% 9.7% 0.0%	44 48 52 56 60 64 68	36 26 20 14 14 16		0.39 0.39 0.29 0.29 0.29 0.19 0.29
8 FOTAL 2-GA' DET 9 10 11 12 13 14	3,726 TE SORTS SORTS 497 818 787 704 8 535 4 309 5 106	13.2% 21.8% 21.0% 18.7% 14.2% 8.2%	4000 6000 8000 10000 12000 14000 16000 18000 20000 22000 24000	6 3 4 5 3 5 35 19 0	107 143 179 215 250 286 322 358 394 429	3.1% 1.5% 2.0% 2.6% 1.5% 2.6% 17.9% 9.7% 0.0%	44 48 52 56 60 64 68 72 76	36 26 20 14 14 16 9		0.39 0.39 0.29 0.29
8 FOTAL 2-GA' DET 9 10 11 12 13 14	3,726 TE SORTS SORTS 497 818 787 704 8 535 4 309 5 106	13.2% 21.8% 21.0% 18.7% 14.2% 8.2%	4000 6000 8000 10000 12000 14000 16000 18000 20000 22000 24000 26000	6 3 4 5 3 5 35 19 0 0	107 143 179 215 250 286 322 358 394 429 465	3.1% 1.5% 2.0% 2.6% 1.5% 2.6% 17.9% 9.7% 0.0% 0.0%	44 48 52 56 60 64 68 72 76 80	36 26 20 14 14 16 9 12 8		0.39 0.39 0.29 0.29 0.19 0.29 0.19
8 FOTAL 2-GA' DET 9 10 11 12 13	3,726 TE SORTS SORTS 497 818 787 704 8 535 4 309 5 106	13.2% 21.8% 21.0% 18.7% 14.2% 8.2%	4000 6000 8000 10000 12000 14000 16000 18000 20000 22000 24000	6 3 4 5 3 5 35 19 0	107 143 179 215 250 286 322 358 394 429	3.1% 1.5% 2.0% 2.6% 1.5% 2.6% 17.9% 9.7% 0.0%	44 48 52 56 60 64 68 72 76	36 26 20 14 14 16 9		0.39 0.39 0.29 0.29 0.19 0.19 0.19

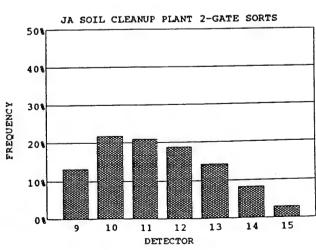
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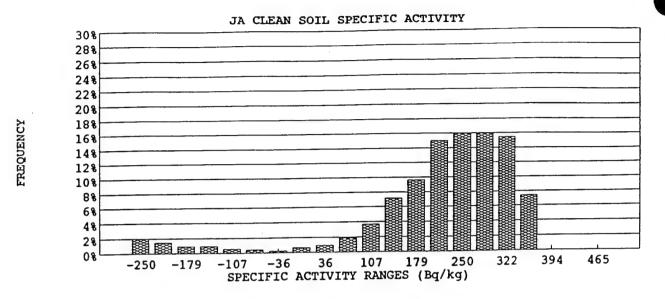


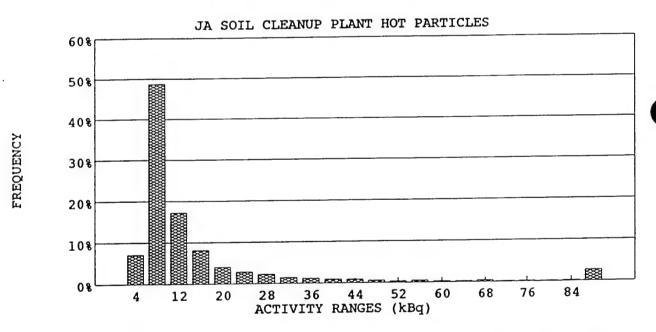


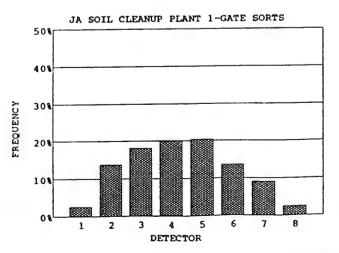
08-Apr-94

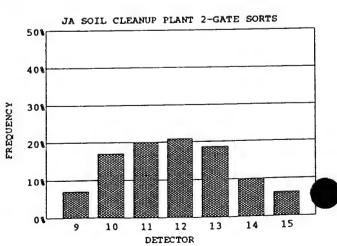
WORK DAY START	06:00 AM		WORK DAY E		16:30 PM	
LUNCH START	11:00 AM		TIME LOST DU	IRING LUNCH	0.0 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL
		SORIERI	30KTEK 2	001112111		(sorter hours)
		10.5 hr	10.5 hr	10.5 hr	10.5 hr	42.0 hr
WORK HOURS	MIDC	10.3 hr	10.3 hr	0.0 hr	0.0 hr	20.7 hr
SORTER AVAILABLE HO	JUK3	06:00	06:00	NA	NA	
SORTER START-UP	C	06:10	06:38	NA	NA	
START SOIL PROCESSIN		0.10 0.2 hr	0.6 hr	0.0 hr	0.0 hr	0.8 hr
TIME REQUIRED TO STA	ARI-UP	16:20	16:20	NA	NA	
SORTER SHUT-DOWN		16:03	16:04	NA	NA	
END SOIL PROCESSING		0.3 hr	0.3 hr	0.0 hr	0.0 hr	0.5 hr
TIME REQUIRED TO SH		-	9.0 hr	0.0 hr	0.0 hr	18.0 hr
ACTUAL PROCESS HOU	RS	9.1 hr	1.3 hr	0.0 hr	0.0 hr	2.6 hr
DOWN-TIME		1.3 hr	0.5 hr	0.0 hr	0.0 hr	1.4 hr
SYSTEM PAUSE		0.9 hr		10.0 hr	10.0 hr	20.3 hr
SORTER NONAVAILABL		0.2 hr	0.2 hr 0.0 hr	10.0 hr	10.0 hr	20.0 hr
AUTHORIZED DELAY T	IME	0.0 hr	0.0 nr	10.0 111	10.0 111	87.3%
PLANT PERFORMANCE						43.0%
PRODUCTIVTY						
PRODUCTIVITY						
Date		08 – Apr –94		used Delays for d		20 hr
Contract day (from 6 Sep)		173	Exc	used delays for co	entract (sorter-hrs)	2,862 hr
Current Contract week		29		used delay days (		72 days
Current Constant			Exc	used delay month	s (plant-month)	2.75 month
Soil production for Day		182 MT				
Cumlative Soil Production for	or Week	727 MT		cent of contract co		39.3%
Total Soil production for con			Ton	s Ahead or Behin	nd Schedule	1,783 MT
Since 6 Se		37,707 MT	Day	s ahead or behind	i schedule	6 days
Since 6 A	-	39,298 MT	•			
Total Soil production for pro	•	65,585 MT				

SORT	ER 1							Apr-94		
	S	ORTER SOIL	DENSITY	1.20 ton	s/m³	В	ACKGROUND		0.70 :	
SOIL					CONTAIN	INATED	CLEAN		TOTA	T
1	MASS TOT	AL			42.8	tons	48.3 tons		91.1 t	ons
1	MAXIMUN	M/SORT			58.1	•	55.9 kg			
1	MINIMUM	SORT			0.7	_	41.2 kg			
		IN-GROUND			33.9	•	38.3 yd³		72.2 y	'd³
		ECOVERY (C	LEAN/(HOT	'+CLEAN))		53.0%				
ACTIV	VITY						DISPERSE	D + PARTIC	LE	
					PART	ICLE	HOT		EAN	
•	TOTAL				67,844	kBq	51,714 kBq		9,961 k	ъ
]	MAXIMUN	A/SORT			2,032	kBq	1,466 kBq		20 I	•
1	MINIMUM	SORT			2	kBq	(31,923)Bq		-35 I	•
	SPECIFICA	ACTIVITY					1,209 Bq/kg		206 I	3q/kg
SORT	S									
		OCESS PERIO	DDS				1,629	U	VEXP	PAUSE
-		LL 80 ELEME		MD>0&MN	D=0)	727		T	ME	TIME
		IONE (AD=0 &				146			06:10	06:10
		OME (AD>0&			D <mndmax< td=""><td>756</td><td></td><td></td><td>07:25</td><td>07:22</td></mndmax<>	756			07:25	07:22
		INEXPLAINE			0				15:36	08:22
		0<	AD<1kBq&	MD>0	0				15:37	09:43
		Al	D=0 & MD>	0	0					11:15
		Al	D<0 & MD >	0	4					15:11
		UNT PERIOD				4.0.10	16,290			15:34 15:37
		-SEC RECOR				4,342				1337
		-SEC RECOR			PERIOD	11,948	6071			
		OCESS RECO				<b>&gt;)</b>	5,971 5			
		ESSING RECO		alibration, c	ic)		3			
:		RT DETECTO		72.0%		5 DET	12	0.3%		
	_	DET	3,126 951	21.9%		6 DET	0	0.0%		
		DET	200	4.6%		7 DET	1	0.0%		
		DET	53	1.2%		8 DET	0	0.0%		
		TIME BETWI			11.4		•			
		Y DISTRI								
	ESORTS	Dioliki	ACT ND	NUM	SPEC_A	FREO%	ACT_P	NUM		FREQ%
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	I KDQ/	(kBq)	(#)		
1	55 55	2.5%	-14000	18	-250	2.0%	4	309		7.1%
2	305	13.8%	-12000	13	-215	1.4%	8	2,114		48.7%
				8		0.9%	12	747		17.2%
3 4	401 445	18.2% 20.1%	-10000 -8000	8	-143	0.9%	16	355		8.2%
5	443	20.1%	-6000	5	-107	0.6%	20	175		4.0%
6	300	13.6%	-4000	4	-72	0.4%	24	123		2.8%
7	201	9.1%	-2000	2	-36	0.2%	28	96		2.2%
8	53	2.4%	0	6	0	0.7%	32	61		1.4%
TOTAL	2,209		2000	8	36	0.9%	36	51		1.2%
			4000	17	72	1.9%	40	40		0.9%
2-GAT	E SORTS		6000	33	107	3.6%	44	38		0.9%
DET	SORTS	FREQ%	8000	65	143	7.2%	48	23		0.5%
9	151	7.1%	10000	87	179	9.6%	52	14		0.3%
10	364	17.1%	12000	136	215	15.0%	56	21		0.5%
11	427	20.0%	14000	145	250	16.0%	60	11		0.3%
12	445	20.9%	16000	145	286	16.0%	64	10		0.2%
13	398	18.7%	18000	140	322	15.4%	68	17		0.4%
14	214	10.0%	20000	67	358	7.4%	72	4		0.1%
15	134	6.3%	22000	0	394	0.0%	76	8		0.2%
TOTAL	2,133		24000	0	429	0.0%	80	4		0.1%
			26000	0	465	0.0%	84	8		0.2%
			>28000	0	0	0.0%	>84	113		2.6%
			TOTAL	907			TOTAL	4,342		
	TYPES	HPE_	4,259	MPE	4,804	DISE	52,160			



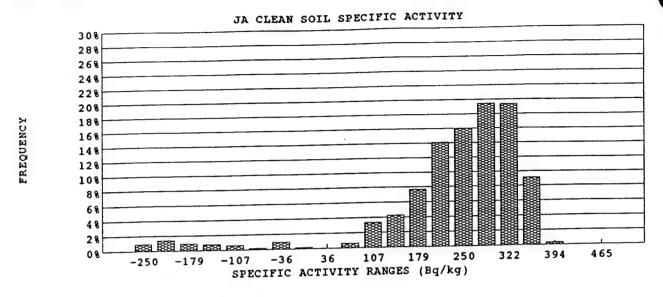


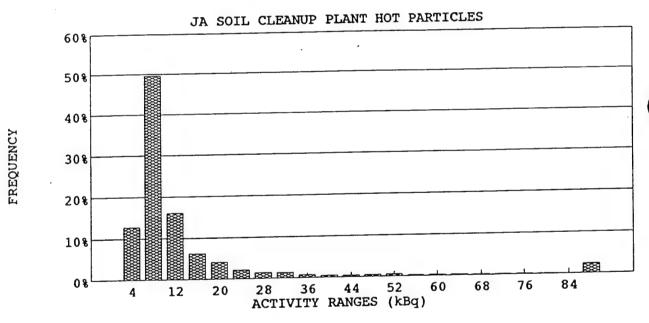


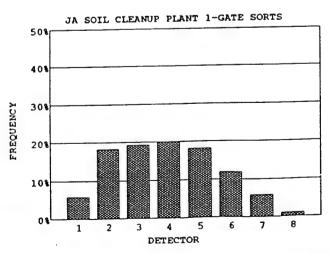


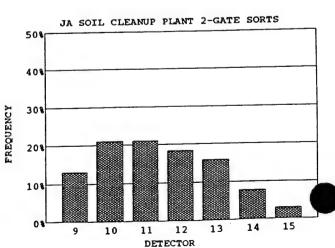
SORTI	ER 2						08-	-Apr-94		
	SC	ORTER SOIL	DENSITY	1.20 to	ıs/m³	В	BACKGROUND		0.78	± 0.04 c/s
SOIL					CONTAM	IINATED	CLEAN		TOTA	AL.
M	ASS TOT	AL			38.0	tons	52.6 tons		90.5 1	ons
M	IAXIMUM	L/SORT			58.1	kg	55.9 kg			
M	INIMUM	SORT			0.7	-	43.3 kg			
		N-GROUND			30.1	•	41.7 yd <sup>3</sup>		71.8 y	/d³
		ECOVERY (	LEAN/(HOT	+CLEAN)		58.1%				
ACTIV	TTY							ED + PARTI		
					PART		нот		CLEAN	
1	OTAL				61,067	•	43,848 kBq		12,079	-
	IAXIMUM	•			1,475	kBq kBq	840 kBq (3,392)Bq		21 1 -17 1	-
1	INIMUM/				2	къq	1,155 Bq/kg			3q/kg
	PECIFIC A	CHVIII					2,200 24,48			
SORTS		Office proper	ons				1,619	1	UNEXP	PAUSE
20		OCESS PERIO LL 80 ELEME		MD>ถ&พง	Φ=0)	633	1,017		TIME	TIME
		ONE (AD=0			,	165			07:25	07:23
	SC	OME (AD>08	0 <md<mn< td=""><td>Dmax&amp;MN</td><td>D<mndmax)< td=""><td></td><td></td><td></td><td>15:36</td><td>08:22</td></mndmax)<></td></md<mn<>	Dmax&MN	D <mndmax)< td=""><td></td><td></td><td></td><td>15:36</td><td>08:22</td></mndmax)<>				15:36	08:22
		NEXPLAINE			o <sup>°</sup>				15:37	09:43
		0	<ad<1kbq &<="" td=""><td>MD&gt;0</td><td>0</td><td></td><td></td><td></td><td></td><td>11:15</td></ad<1kbq>	MD>0	0					11:15
			D=0 & MD>		1					15:06
1			D<0 & MD >	•0	2		16 100			15:08 15:09
2		JNT PERIOD		n TC		4 222	16,190			15:10
		-SEC RECOR				4,222 11,968				15:15
-		-SEC RECOR			-s PERIODS		5,841			15:34
		ESSING RECO				,	2			15:37
1		T DETECTO	•		/					
1		DET	3,100	73.4%		5 DET	9	0.2%		
ł		DET	887	21.0%		6 DET	0	0.0%		
1	31	DET	181	4.3%		7 DET	0	0.0%		
		DET	45	1.1%		8 DET	0	0.0%		
		TIME BETW			11.5	sec				
FREQ	UENCY	Y DISTRI	BUTION	S						
1-GATE	SORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	~	(kBq)	(#)		12.7%
1	122	5.8%	-14000	9	-250	0.9%	4	537 2,092		49.5%
2	386	18.3%	-12000	14 9	-215 -179	1.4% 0.9%	8 12	676		16.0%
3	408	19.3% 19.9%	-10000 -8000	8	-179 -143	0.9%	16	262		6.2%
4 5	421 384	19.9%	-6000	6	-143 -107	0.6%	20	173		4.1%
6	251	11.9%	-4000	2	-72	0.2%	24	91		2.2%
7	122	5.8%	-2000	9	-36	0.9%	28	59		1.4%
8	21	1.0%	0	2	0	0.2%	32	58		1.4%
TOTAL	2,115		2000	0	36	0.0%	36	31		0.7%
			4000	6	72	0.6%	40	21		0.5%
2-GATE			6000	33	107	3.3%	44	18		0.4%
	SORTS	FREQ%	8000	42	143	4.3%	48	22		0.5%
9	277	13.1%	10000	76	179	7.7%	52	24 10		0.6% 0.2%
10	443	21.0%	12000	139	215 250	14.1% 15.9%	56 <b>6</b> 0	10		0.2%
11	442	21.0%	14000	157 192	286	19.4%	64	10		0.2%
12 13	387 334	18.4% 15.9%	16000 18000	192	322	19.4%	68	8		0.2%
13	334 163	13.9% 7.7%	20000	90	358	9.1%	72	6		0.1%
15	\ 61	2.9%	22000	3	394	0.3%	76	9		0.2%
TOTAL -	2,107	- 70	24000	0	429	0.0%	80	4		0.1%
	;		26000	0	465	0.0%	84	1		0.0%
			>28000	0	0	0.0%	>84	100		2.4%
			TOTAL	988			TOTAL	4,222		
1	YPES	HPE	4,247	MPE	4,909	DISE	45,162			

08-Apr<sub>2</sub>





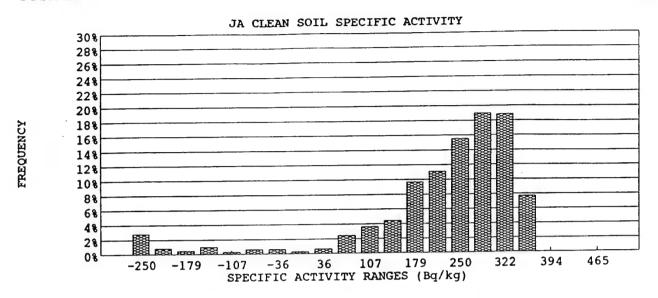


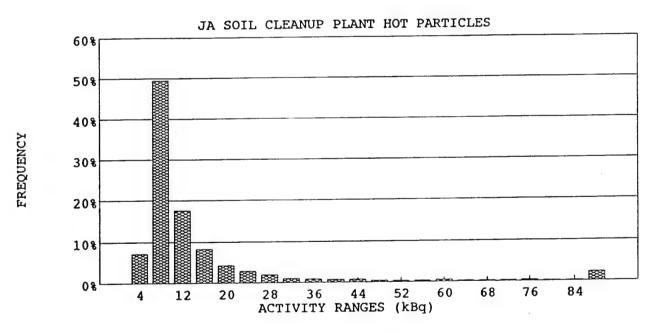


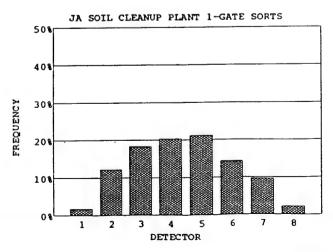
09-Apr-94

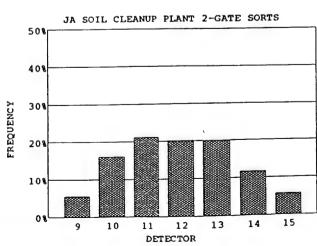
WORK DAY START	05:00 AM		WORK DA			15:30 PM	
LUNCH START	12:15 AM		TIME LOS	TDUR	ING LUNCH	0.5 HR	
		SORTER 1	SORTE	R 2	SORTER 3	SORTER 4	TOTAL (sorter hours)
WORK HOURS		10.0 hr	10.0	hr	10.0 hr	10.0 hr	40.0 hr
SORTER AVAILABLE HOUR	lS.	7.1 hr	7.1	hr	0.0 hr	0.0 hr	14.2 hr
SORTER START-UP		05:10	05:10		NA	NA	
START SOIL PROCESSING		05:24	05:23		NA	NA	
TIME REQUIRED TO START	r-UP	0.2 hr	0.2	hr	0.0 hr	0.0 hr	0.5 hr
SORTER SHUT-DOWN		12:15	12:15		NA	NA	
END SOIL PROCESSING		12:02	12:03		NA	NA	
TIME REQUIRED TO SHUT	DOWN	0.2 hr	0.2	hr	0.0 hr	0.0 hr	0.4 hr
ACTUAL PROCESS HOURS		6.4 hr	6.4	hr	0.0 hr	0.0 hr	12.8 hr
DOWN-TIME		0.7 hr	0.6	hr	0.0 hr	0.0 hr	1.3 hr
SYSTEM PAUSE		0.3 hr	0.3	hr	0.0 hr	0.0 hr	0.5 hr
SORTER NONAVAILABLE T	1ME	2.9 hr	2.9	hr	10.0 hr	10.0 hr	25.8 hr
AUTHORIZED DELAY TIME	3	0.0 hr	0.0	hr	10.0 hr	10.0 hr	20.0 hr
PLANT PERFORMANCE							90.7%
PRODUCTIVTY							32.1%
PRODUCTIVITY							
Date	(	99-Apr-94		Excus	ed Delays for d	ay (sorter – hrs)	20 hr
Contract day (from 6 Sep)		174		Excus	ed delays for co	ontract (sorter-hrs)	2,882 hr
Current Contract week		29		Excus	ed delay days (p	olant – days)	72 days
				Excus	ed delay month	s (plant-month)	2.77 month
Soil production for Day		129 MT	Γ				
Cumlative Soil Production for W	/cck	856 M7	Γ	Percei	nt of contract co	ompleted	39.4%
Total Soil production for contract	ct			Tons A	Ahead or Behin	d Schedule	1,754 MT
Since 6 Sep 9	3	37,836 MT	Γ	Days a	head or behind	i schedule	6 days
Since 6 Aug 9	3	39,427 MT	Γ				
Total Soil production for project		65,714 M7	Γ				

ORT	ER 1							Apr-94		
		RTER SOIL	DENSITY	1.20 to			ACKGROUND		0.69	
OIL					CONTAM	INATED	CLEAN		TOTA	
1	MASS TOTA	AL.			32.3	tons	32.2 tons		64.5 t	ons
	MAXIMUM				58.1	kg	55.9 kg			
	MINIMUM					kg .	41.9 kg			
1	VOLUME I	N-GROUND			25.6	yd³	25.5 yd <sup>3</sup>		51.1 y	/d³
1	WEIGHT R	ECOVERY (	CLEAN/(HO)	+CLEAN)	)	49.9%				
CTIV							DISPERSE	D + PART	ICLE	
.011					PART	ICLE	HOT		CLEAN	
-	TOTAL				63,981	kBq	44,108 kBq		7,015	сВq
	MAXIMUM	CORT			2,807	kBq	1,673 kBq		20 1	cВq
_	MINIMUM/					kBq	(31,034)Bq		-20	cBq
_	SPECIFIC A						1,364 Bq/kg		218 I	Bq/kg
ORT										
			ODC				1,154		UNEXP	PAUSE
2	20-SEC PR	OCESS PERI	ODS	4D> 08348	m-m	547	1,154		ПМЕ	TIME
			NTS SORT (		<b>VD=</b> 0)	-			06:11	06:08
	N	ONE (AD=0	& MD=0 & M	ND>0)	D <\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	89 518			08:07	08:03
			k0 <md<mn< td=""><td></td><td>D<mndmax)< td=""><td>518</td><td></td><td></td><td>09:03</td><td>08:19</td></mndmax)<></td></md<mn<>		D <mndmax)< td=""><td>518</td><td></td><td></td><td>09:03</td><td>08:19</td></mndmax)<>	518			09:03	08:19
	U		DRECORDS		0				10:40	08:22
			<ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td>20.10</td><td>09:00</td></ad<1kbq>		0				20.10	09:00
			D=0 & MD>		1 3					10:36
			D<0 & MD >	•0	3		11,540			20.50
2	2-SEC COU	INT PERIOD	S	n TC		4,101	11,040			
			DS WITH SO			4,101 7,439				
	2-	SEC RECOR	DS WITHOU	T SOK IS	- nenione		5,255			
า	TOTAL PRO	OCESS RECO	ORDS (2-s SC	JK 15 and 20	)-S PEKIODS	')	3,433 A			
1	NONPROC	ESSING REC	ORDS (Test,	alibration, 6	eic)		4			
2		TDETECTO				5 DET	15	0.4%		
		DET	2,889	70.4%			0	0.0%		
		DET	909	22.2%		6 DET 7 DET	1	0.0%		
		DET	239	5.8%			1	0.0%		
		DET	49	1.2%	8.0	8 DET	•	0.070		
			EEN 2-SEC		8.0	scc	· · · · ·			
REQ	UENCY	DISTRI	BUTION					NT 13.4		FREQ
I-GATI	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		7.1%
1	37	1.8%	-14000	17	-250	2.8%	4	293		
2	256	12.2%	-12000	5	-215	0.8%	8	2,029		49.5%
3	385	18.3%	-10000	3	-179	0.5%	12	722		17.6%
4	428	20.3%	-8000	6	-143	1.0%	16	342		8.3%
5	446	21.2%	-6000	2	-107	0.3%	20	175		4.3%
6	303	14.4%	-4000	4	-72	0.7%	24	119		2.9%
7	204	9.7%	-2000	4	-36	0.7%	28	81		2.0%
8	45	2.1%	0	2	0	0.3%	32	42		1.0%
OTAL	2,104		2000	4	36	0.7%	36	34		0.8%
			4000	15	72	2.5%	40	29		0.7%
	ESORTS		6000	22	107	3.6%	44	29		0.7%
2-GATI	SORTS	FREQ%	8000	27	143	4.4%	48	17		0.4%
GATI DET		5.6%	10000	59	179	9.7%	52	12		0.3%
	111		12000	68	215	11.1%	56	14		0.3%
DET		16.0%		95	250	15.5%	60	18		0.4%
DET 9	111 320	16.0% 21.2%	14000	9.0		19.0%	64	9		0.2% 0.2%
DET 9 10	111 320 424		14000 16000	116	286					
DET 9 10 11 12	111 320 424 401	21.2% 20.1%			286 322	18.8%	68	10		
9 10 11 12 13	111 320 424 401 396	21.2% 20.1% 19.8%	16000	116			68 72	10 11		0.3%
DET 9 10 11 12 13 14	111 320 424 401 396 232	21.2% 20.1% 19.8% 11.6%	16000 18000 20000	116 115	322	18.8%		11 13		0.3% 0.3%
DET 9 10 11 12 13 14 15	111 320 424 401 396 232 113	21.2% 20.1% 19.8%	16000 18000 20000 22000	116 115 47	322 358	18.8% 7.7%	72	11		0.3% 0.3% 0.1%
DET 9 10 11 12 13 14 15	111 320 424 401 396 232	21.2% 20.1% 19.8% 11.6%	16000 18000 20000 22000 24000	116 115 47 0 0	322 358 394 429	18.8% 7.7% 0.0% 0.0%	72 76	11 13		0.3% 0.3% 0.1%
DET 9 10 11 12 13 14	111 320 424 401 396 232 113	21.2% 20.1% 19.8% 11.6%	16000 18000 20000 22000 24000 26000	116 115 47 0 0	322 358 394 429 465	18.8% 7.7% 0.0% 0.0% 0.0%	72 76 80 84	11 13 5 8		0.3% 0.3% 0.1% 0.2%
DET 9 10 11 12 13 14 15	111 320 424 401 396 232 113	21.2% 20.1% 19.8% 11.6%	16000 18000 20000 22000 24000	116 115 47 0 0	322 358 394 429	18.8% 7.7% 0.0% 0.0%	72 76 80	11 13 5	_	0.2% 0.3% 0.1% 0.2% 2.2%



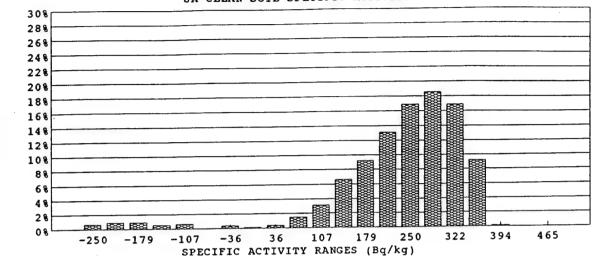




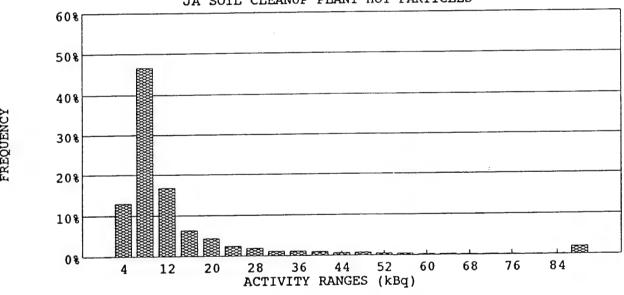


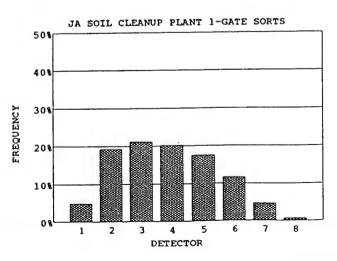
SORT	ER 2							Apr-94		
00112		ORTER SOIL D	ENSITY	1.20 tor	ns/m³	BA	ACKGROUND		0.77	
SOIL					CONTAM	INATED	CLEAN		TOTA	
	MASS TOTA	AL			25.7	ions	39.0 tons		64.7 t	ons
j	MAXIMUM	SORT			58.1	_	55.9 kg			
]	MINIMUM	SORT			0.7	•	41.2 kg		51.7 .	
,	VOLUME I	N-GROUND			20.4		30.9 yd <sup>3</sup>		51.3 y	ď
•	WEIGHTR	ECOVERY (CL	EAN/(HOT	+CLEAN)	)	60.3%				
ACTI	VITY						DISPERSE			
					PART		нот		CLEAN	_
	TOTAL				54,150	•	35,964 kBq		8,985	_
1	MAXIMUM	SORT			1,564	-	1,252 kBq		20 k -19 k	_
1	MINIMUM	SORT			2	kBq	(27,853)Bq			ору Bg/kg
	SPECIFIC A	CTIVITY					1,398 Bq/kg		250 1	Jqr Kg
SORT							1.160		UNEXP	PAUSE
:	20-SEC PR	OCESS PERIO	OS				1,158		TIME	TIME
	A	LL 80 ELEMEN	TS SORT (	MD>0&MN	1D=0)	421			06:11	06:08
	N	ONE (AD=0 &	MD=0&M	IND>0)	D 41 (N/D)	85 652			06:12	06:12
	SC	OME(AD>0&0	<md<mn< td=""><td>Dmax&amp;MN</td><td>D<mndmax) 0</mndmax) </td><td>0.32</td><td></td><td></td><td>08:07</td><td>08:03</td></md<mn<>	Dmax&MN	D <mndmax) 0</mndmax) 	0.32			08:07	08:03
	U	NEXPLAINED			0				09:03	08:19
			AD<1kBq &		1				10:40	09:00
		-	=0 & MD>		4					10:36
			<0 & MD >	•0	•		11,580			
;	2-SEC CO	UNT PERIODS -SEC RECORD	e until co	27.07		3,715				
		-SEC RECORD -SEC RECORD				7,865				
	Z-	OCESS RECORD	DS /2-c SC	DRTS and 20	-s PERIODS		4,873			
	TOTALPRO	ESSING RECOR	DS(2-35C	ralibration, 6	etc)	,	2			
	2 - SEC SOE	T DETECTOR:	CD3 (1035)	Janoranon, s	,					
		DET	2,633	70.9%		5 DET	2	0.1%		
		DET	860	23.1%		6 DET	0	0.0%		
		DET	183	4.9%		7 DET	0	0.0%		
		DET	37	1.0%		8 DET	0	0.0%		
	AVERAGE	TIME BETWEE	EN 2-SEC	SORTS	8.8	sec				
FREC	UENCY	DISTRIB	UTION	IS						
	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1	92	4.9%	-14000	5	-250	0.7%	4	482		13.0%
2	363	19.3%	-12000	7	-215	0.9%	8	1,733		46.6%
3	399	21.2%	-10000	7	-179	0.9%	12	621		16.7% 6.4%
4	380	20.2%	-8000	4	-143	0.5%	16	237		6.4% 4.4%
5	329	17.5%	-6000	5	-107	0.7%	20	162 90		2.4%
6	219	11.6%	-4000	0	-72	0.0%	24	71		1.9%
7	87	4.6%	-2000	3	-36	0.4%	28 32	42		1.1%
8	12	0.6%	0	1	0	0.1% 0.4%	36 36	41		1.1%
TOTAL	1,881		2000	3	36 72	1.5%	40	34		0.9%
			4000	11	107	3.1%	44	23		0.6%
	ESORTS	ED CO~	6000	23 49	143	6.6%	48	27		0.7%
DET	SORTS	FREQ%	8000 10000	68	179	9.2%	52	18		0.5%
9	228	12.4%	12000	97	215	13.1%	56	15		0.4%
10	405 390	22.1% 21.3%	14000	125	250	16.9%	60	10		0.3%
11 12	360	19.6%	16000	137	286	18.5%	64	11		0.3%
13	267	14.6%	18000	125	322	16.9%	68	6		0.2%
14	147	8.0%	20000	68	358	9.2%	72	8		0.2%
15	37	2.0%	22000	I	394	0.1%	76	5		0.1%
TOTAL	1,834		24000	0	429	0.0%	80	3		0.1%
	2,000		26000	0	465	0.0%	. 84	5		0.1%
			>28000	0	0	0.0%	>84	71	-	1.9%
			TOTAL	739			TOTAL	3,715		
		HPE	3,610	MPE_	4330	DISE	28880			

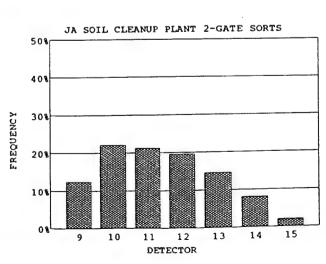








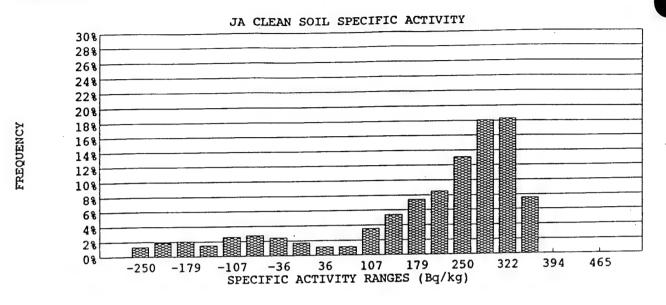


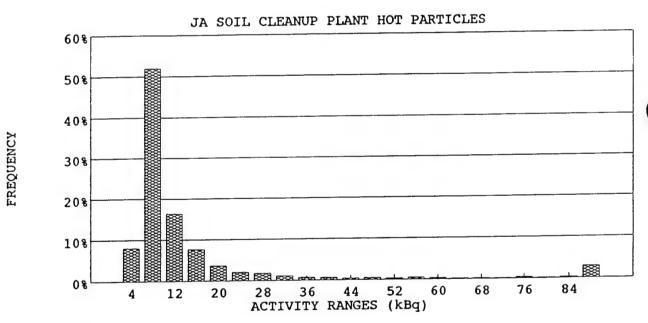


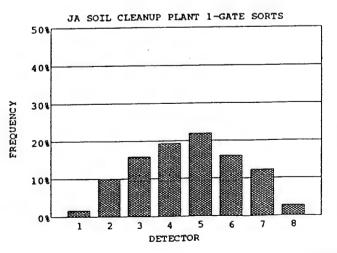
11-Apr-94

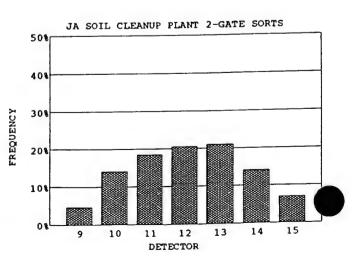
WORK DAY START	06:00 AN	1	WORK DAY E	ND	16:30 PM		
LUNCH START	12:30 AM	1	TIME LOST DU	IRING LUNCH	0.5 HR		
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTA	L
						(sorter	hours)
WORK HOURS		10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0	) hr
SORTER AVAILABLE HOU	JRS	9.3 hr	9.3 hr	0.0 hr	0.0 hr	18.7	hr hr
SORTER START-UP		06:30	06:30	NA	NA		
START SOIL PROCESSING		06:46	06:46	NA	NA		
TIME REQUIRED TO STAI	RT-UP	0.3 hr	0.3 hr	0.0 hr	0.0 hr	0.5	hr
SORTER SHUT-DOWN		16:20	16:20	NA	NA		
END SOIL PROCESSING		16:13	16:14	NA	NA		
TIME REQUIRED TO SHU	TDOWN	0.1 hr	0.1 hr	0.0 hr	0.0 hr	0.2	hr
ACTUAL PROCESS HOUR	S	7.5 hr	5.7 hr	0.0 hr	0.0 hr	13.3	hr
DOWN-TIME		1.8 hr	3.6 hr	0.0 hr	0.0 hr	5.4	hr
SYSTEM PAUSE		2.0 hr	3.8 hr	0.0 hr	0.0 hr	5.8	hr
SORTER NONAVAILABLE	ТІМЕ	0.7 hr	0.7 hr	10.0 hr	10.0 hr	21.3	hr
AUTHORIZED DELAY TIM	1E	0.0 hr	0.0 hr	10.0 hr	10.0 hr	20.0	hr
PLANT PERFORMANCE						71.2%	
PRODUCTIVTY		•				33.2%	
PRODUCTIVITY							
Date		11 – Apr –94	Excu	sed Delays for da	y (sorter-hrs)	20	hr
Contract day (from 6 Sep)		175	Excu	sed delays for co	ntract (sorter-hrs)	2,902	hr
Current Contract week		30	Excu	sed delay days (p	lant – days)		days
			Excu	sed delay months	(plant-month)	2.79	months
Soil production for Day		134 MT					
Cumlative Soil Production for	Week	134 MT	Perce	ent of contract co	mpleted	39.6%	
Total Soil production for contr	act		Tons	Ahead or Behind	d Schedule	1,729	
Since 6 Sep	93	37,970 MT	Days	ahead or behind	schedule	5	days
Since 6 Aug	93	39,561 MT					
Total Soil production for proje	ct	65,848 MT					

SORT	ER 1							Apr-94		
	S	ORTER SOIL	DENSITY	1.20 to	ns/m³	В	ACKGROUND		0.69	
SOIL					CONTAM	INATED	CLEAN		TOTA	L
	MASS TOT	`AL			47.3	tons	28.7 tons		75.9 t	ons
	MAXIMUN	1/SORT			58.1	kg	55.9 kg			
	MINIMUM	SORT			0.7		41.9 kg			
	VOLUME	IN-GROUND	)		37.5	yd³	22.7 yd <sup>3</sup>		60.2 y	/d³
,	WEIGHT P	ECOVERY (	CLEAN/(HO)	+CLEAN)	)	37.8%				
ACTI							DISPERSE	D + PARTIC	LE	
					PART	ICLE	нот	C	LEAN	
	TOTAL				84,291	kBa	57,514 kBq		5,407 k	сBq
	MAXIMUN	ASORT.			5,999	•	3,731 kBq		20 k	•
	MINIMUM					kBq	(12,003)Bq		-19 k	ъ
	SPECIFIC					•	1,217 Bq/kg		189 I	3q/kg
SORT			•							
		A CECC DED I	ODC				1,358	U	NEXP	PAUSE
:		OCESS PERI		VD> 06141	T)0\	819	1,330		IME	TIME
		LL 80 ELEME			(D-0)	129		_	07:11	07:10
		ONE (AD=0			D < 1 (1) Th				16:13	08:24
		OME (AD>08			ע <mndmax) ס</mndmax) 	410			20.13	08:31
	U	NEXPLAINE			0					08:35
			<ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td><td>08:37</td></ad<1kbq>		0					08:37
			D=0 & MD> D<0 & MD >		2					08:38
		A UNT PERIOD		.0	2		13,580			08:39
•		-SEC RECOR		RTS		4,340	13,000			08:41
		-SEC RECOR				9,240				10:49
		OCESS RECO			-s PERIODS	-	5,698			12:34
,	NONDDOC	ESSING REC	ORDS (Test of	alibration.	etc)	,	3			12:59
		RT DETECTO		Alloration, t	,,,,					14:26
•		DET	3,124	72.0%		5 DET	9	0.2%		15:39
		DET	971	22.4%		6 DET	0	0.0%		16:06
		DET	197	4.5%		7 DET	0	0.0%		
		DET	39	0.9%		8 DET	0	0.0%		
		TIME BETW			8.7					
		Y DISTRI			7					
		District		NUM	SPEC_A	FR FO%	ACT_P	NUM		FREO%
-	ESORTS	FREQ%	ACT_ND (Bq)	(#)	(Bq/kg)	TREQA	(kBq)	(#)		
	SORTS	1.7%	-14000	7	-250	1.3%	4	351		8.1%
1	38			10	-215	1.8%	8	2,256		52.0%
2	222	10.0%	-12000					708		16.3%
3	354	15.9%	-10000	11	-179 -143	2.0% 1.5%	12 16	336		7.7%
4	430	19.3%	-8000 -6000	8 14	-143 -107	2.6%	20	162		3.7%
5	489	22.0%	-6000 -4000		-107 -72	2.8%	24	91		2.1%
6	358	16.1%	-4000 -2000	15 13	-72 -36	2.4%	28	76		1.8%
7	273	12.3%	- 2000 0	9	-30	1.7%	32	46		1.1%
В .	62	2.8%	2000	6	36	1.1%	36	29		0.7%
TOTAL	2,226		4000	6	72	1.1%	40	28		0.6%
2 0 4 2	27 COD 25		6000	19	107	3.5%	44	17		0.4%
	ESORTS	FREQ%	8000	29	143	5.4%	48	20		0.5%
DET	SORTS	4.7%	10000	40	179	7.4%	52	13		0.3%
9	100		12000	46	215	8.5%	56	19		0.4%
10	298	14.1% 18.5%	14000	71	250	13.1%	60	15		0.3%
11	392	20.5%	16000	98	286	18.1%	64	9		0.2%
12	433		18000	99	322	18.3%	68	7		0.2%
13	444	21.0%			358	7.6%	72	5		0.1%
14	299	14.1%	20000	41				15		0.1%
15	148	7.0%	22000	0	394	0.0%	76			0.0%
TOTAL	2,114		24000	0	429	0.0%	80	2		0.3%
			26000	0	465	0.0%	84	12		
			>28000	0	0	0.0%	>84	123		2.8%
			TOTAL	542			TOTAL	4,340		
	TYPES	HPE	4,155	MPE	5,477	DISE	57,986			

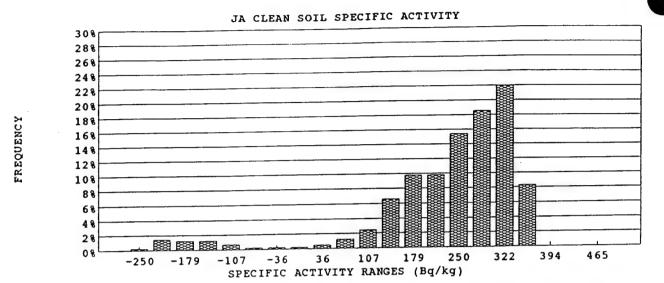


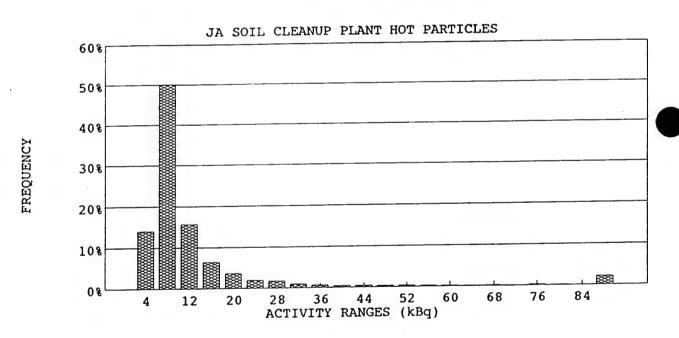


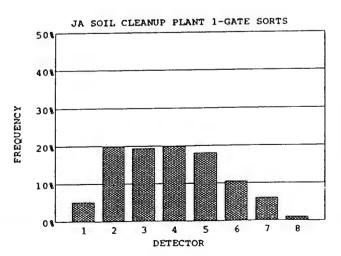


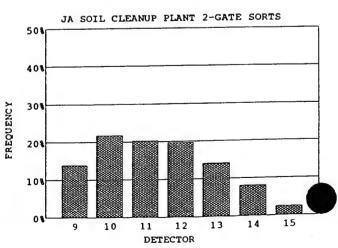


SORT	ER 2					11-Apr-94						
		RTER SOIL D	ENSITY	1.20 ton	s/m³	В	ACKGROUND		0.79 ±	0.04 c/s		
SOIL					CONTAM	INATED	CLEAN		TOTAI			
	MASS TOTA	AT.			36.3	tons	21.5 tons		57.8 to	ns		
•	MAXIMUM				58.1	kg	55.9 kg					
-	MINIMUM/				0.7	kg	40.5 kg					
		N-GROUND			28.8	•	17.1 yd³		45.8 yd	р		
		ECOVERY (CL	EAN/(HOT	+CLEAN))		37.3%						
ACTIV							DISPERS	ED + PARTICI	E			
					PART	ICLE	HOT	CL	EAN			
7	TOTAL				53,278	kBq	40,119 kBq	4	,985 ki	Bq		
	MAXIMUM	SORT			1,982	kBq	1,643 kBq		20 ki	-		
	MINIMUM/				2	kBq	(19,233)Bq		–15 ki	_		
5	SPECIFIC A	CTIVITY					1,106 Bq/kg	3	231 B			
SORT	S									PAUSE		
		OCESS PERIO	DS				1,034	-	EXP	06:53		
•	Al	LL 80 ELEMEN	TS SORT (N	AD>0&MN	D=0)	625			ME	06:54		
	N	ONE (AD=0 &	MD=0 & M	ND>0)		61		_	8:36	06:58		
	SC	OME (AD>0&0	<md<mn< td=""><td>Dmax&amp;MNI</td><td>)<mndmax)< td=""><td>348</td><td></td><td></td><td>8:49</td><td>06:59</td></mndmax)<></td></md<mn<>	Dmax&MNI	) <mndmax)< td=""><td>348</td><td></td><td></td><td>8:49</td><td>06:59</td></mndmax)<>	348			8:49	06:59		
		NEXPLAINED			0				9:02	08:13		
			AD<1kBq&	MD>0	0			-	9:03	08:31		
		AD	=0 & MD>	0	4				9:06	08:36 08:58		
		AD	<0 & MD >	0	2		10.340	1	6:13	08:58		
2	2-SEC COU	JNT PERIODS					10,340			09:02		
		-SEC RECORT				3,485				09:03		
	2-	-SEC RECORI	S WITHOU	TSORTS	2521020	6,855	4.510			09:07		
-	TOTAL PRO	OCESS RECOR	DS (2-s SO	RTS and 20	-s PERIODS	o)	4,519 1			09:15		
		ESSING RECO		alibration, c	tc)		•			09:29		
2		T DETECTOR		72.00		5 DET	7	0.2%		10:49		
		DET	2,540 730	72.9% 20.9%		6 DET	Ó	0.0%		12:34		
		DET	181	5.2%		7 DET	0	0.0%		12:59		
		DET	27	0.8%		8 DET	. 0	0.0%		14:26		
		DET TIME BETWE			8.1					15:40		
		DISTRIE								16:07		
		DISTRIE			SBEC A	EDEO%	ACT_P	NUM		FREO%		
	ESORTS	FD FOX	ACT_ND	NUM	SPEC_A	FREQ#	(kBq)	(#)				
	SORTS	FREQ%	(Bq)	(#) 1	(Bq/kg) -250	0.2%	(KDQ)	490		14.1%		
1	90	5.2%	-14000		-215	1.5%	8	1,746		50.1%		
2	344	19.8%	-12000 -10000	6 5	-179		12	546		15.7%		
3	337 346	19.4% 20.0%	-8000	5	-143	1.2%	16	225		6.5%		
4 5	346 314	18.1%	-6000	. 3	-107	0.7%	20	127		3.6%		
6	181	10.4%	-4000	1	-72	0.2%	24	69		2.0%		
7	104	6.0%	-2000	1	-36	0.2%	28	59		1.7%		
, R	17	1.0%	0	1	0	0.2%	32	33		0.9%		
TOTAL	1,733		2000	2	36	0.5%	36	23		0.7%		
101.12	24,00		4000	5	72	1.2%	40	14		0.4%		
2-GAT	ESORTS		6000	10	107	2.4%	44	15		0.4%		
DET	SORTS	FREQ%	8000	27	143	6.6%	48	12		0.3%		
9	243	13.9%	10000	40	179	9.8%	52	11		0.3%		
10	381	21.7%	12000	40	215		56	8		0.2% 0.2%		
11	355	20.3%	14000	63	250		60	6		0.2%		
12	344	19.6%	16000	76	286		64	4		0.1%		
13	246	14.0%	18000	90	322		68	7		0.2%		
14	141	8.0%	20000	34	358		72	2 8		0.1%		
15	42	2.4%	22000	0	394	0.0%	76	8		0.1%		
TOTAL	1,752		24000	0	429		80	1		0.0%		
			26000	0	465		84	75		2.2%		
			>28000	0	0	0.0%	>84			2.2 10		
			TOTAL	410			TOTAL	3,485				
	TYPES	HPE	3,453	MPE	4,489	DISE	43,985					









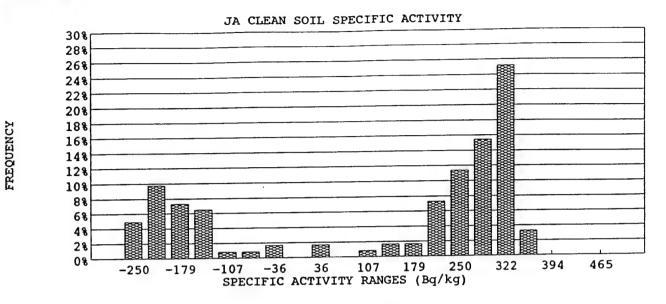
### 12-Apr-94

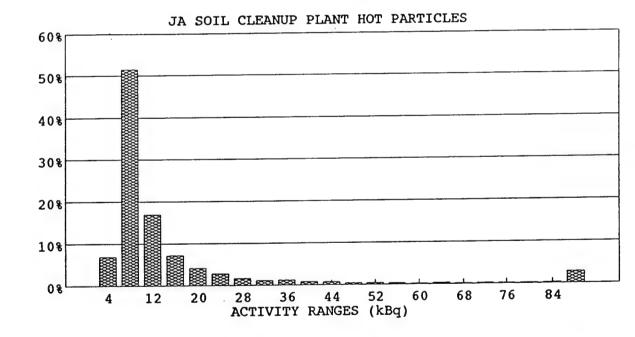
### WORK HISTORY - JA SOIL CLEANUP PLANT

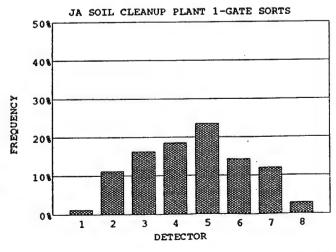
WORK DAY START	06:00 AM		WORK DAY	END		16:30 PM	
LUNCH START	11:00 AM		TIME LOST	DURING	LUNCH	0.5 HR	
		SORTER 1	SORTER	2 SOR	TER 3	SORTER 4	TOTAL (sorter hours)
WORKHOURS		10.0 hr	10.0	hr 10	.0 hr	10.0 hr	40.0 hr
WORK HOURS SORTER AVAILABLE HOURS		6.3 hr	6.3		.0 hr	0.0 hr	12.7 hr
SORTER START-UP		06:10	06:10		Α `	NA	
		06:22	06:22	N	Α	NA	
START SOIL PROCESSING	LID	0.2 hr	0.2	hr O	.0 hr	0.0 hr	0.4 hr
TIME REQUIRED TO START- SORTER SHUT-DOWN	-Or	13:00	13:00	-	Α	NA	
END SOIL PROCESSING		12:38	12:37	N	Α	NA	
TIME REQUIRED TO SHUT D	OWN	0.4 hr	0.4	hr O	.0 hr	0.0 hr	0.7 hr
ACTUAL PROCESS HOURS	OWN	4.9 hr	4.8	hr O	.0 hr	0.0 hr	9.7 hr
DOWN-TIME		1.5 hr	1.5		.0 hr	0.0 hr	3.0 hr
SYSTEM PAUSE		1.3 hr	1.3	hr O	0.0 hr	0.0 hr	2.7 hr
SORTER NONAVAILABLE TI	ME	3.7 hr	3.7	hr 10	).0 hr	10.0 hr	27.3 hr
AUTHORIZED DELAY TIME		0.0 hr	0.0	hr 10	).0 hr	10.0 hr	20.0 hr
PLANT PERFORMANCE		0.0 1.1					76.6%
PRODUCTIVTY							24.3%
PRODUCTIVITY				<del>.</del>			
Date	1:	2-Apr-94		Excused De	lays for o	day (sorter-hrs)	20 hr
Contract day (from 6 Sep)		176		Excused de	lays for c	ontract (sorter-hrs)	2,922 hr
Current Contract week		30		Excused de	lay days (	plant-days)	73 days
				Excused de	lay mont	hs (plant-month)	2.81 months
Soil production for Day		98 M	-				
Cumlative Soil Production for We	ek	231 M		Percent of c			39.7%
Total Soil production for contract				Tons Ahead	d or Behi	nd Schedule	1,668 MT
Since 6 Sep 93		38,068 M	Γ	Days ahead	or behir	nd schedule	5 days
Since 6 Aug 93		20 ((0.34)	r				
		39,659 M	1				

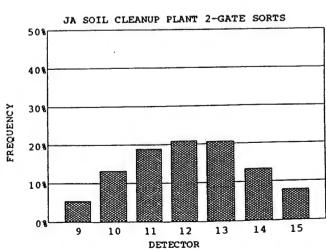
SORT	ER 1							-Apr-94		0.00
OKI		ORTER SOIL DI	ENSITY	1.20 tor			ACKGROUND		0.69 ±	
SOIL					CONTAM	INATED	CLEAN		TOTA	
	MASS TOTA	AL			43.5	ions	5.4 tons		48.9 to	ons
-	MAXIMUM				58.1	•	55.9 kg			
	MINIMUM				0.7	•	31.4 kg		38.7 y	43
1	VOLUME	N-GROUND			34.5		4.3 yd <sup>3</sup>		30.1 y	u-
		ECOVERY (CL	EAN/(HOT	+CLEAN)		11.1%	Dienene	D + DADTT	OL E	
ACTIV	VITY							D + PARTIC	LEAN	
					PART		нот		-	D.
7	TOTAL				51,426	•	44,384 kBq		998 k 18 k	
	MAXIMUM				1,875	-	1,360 kBq 0 Bq		-14 k	•
	MINIMUM				2	kBq	1,021 Bq/kg		185 E	-
	SPECIFIC A	CTIVITY					1,021 Dq/kg			J. 11.
SORT	S						274	ī	INEYP	PAUSE
2	20-SEC PR	OCESS PERIO	os			220	874		пме	TIME
	A	LL 80 ELEMEN	TS SORT (	MD>0&MN	D=0	770			lone	07:16
	N	ONE (AD=0&)	MD=0&M	ND>0)		20		r	One	09:42
	S	OME (AD>0&0	<md<mn< td=""><td>Dmax&amp;MN</td><td>D<mndmax)< td=""><td>84</td><td></td><td></td><td></td><td>10:48</td></mndmax)<></td></md<mn<>	Dmax&MN	D <mndmax)< td=""><td>84</td><td></td><td></td><td></td><td>10:48</td></mndmax)<>	84				10:48
	U	NEXPLAINED			0					11:51
			AD<1kBq&		0					
			=0 & MD>		0					
			<0 & MD >	•0	U		8,740			
2	2-SEC CO	UNT PERIODS	CAUTTIEC	27.07		3,059	0,			
	2-	-SEC RECORD -SEC RECORD	2 MITH 2C	IT SUBTS		5,681				
	2·	OCESS RECORD	DS /2-c SC	RTS and 20	)_s PERIODS	-	3,933			
	TOTALPR	ESSING RECOR	DS (Z=s SC	alibration.	etc)	,	19			
	NONPROC	RT DETECTOR:	CD3 (1035)	Allora de la contra	,					
•		DET	2,163	70.7%		5 DET	10	0.3%		
	_	DET	707	23.1%		6 DET	0	0.0%		
		DET	149	4.9%		7 DET	0	0.0%		
	4	DET	30	1.0%		8 DET	0	0.0%		
	AVERAGE	TIME BETWE	EN 2-SEC	SORTS	8.1	sec				
FREO	UENC	Y DISTRIE	UTION	IS						ED EO
	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ9
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		6.8%
1	19	1.2%	-14000	6	-250	4.9%	4	209		51.5%
2	174	11.1%	-12000	12	-215	9.8%	8	1,574		16.9%
3	255	16.3%	-10000	9	-179	7.3%	12	516 219		7.2%
4	291	18.6%	-8000	8	-143	6.5%	16 20	126		4.1%
5	368	23.6%	-6000	1	-107	0.8%	20 24	85		2.8%
6	223	14.3%	-4000	1	-72	0.8%	28	50		1.6%
7	188	12.0%	-2000	2	-36 0	1.6% 0.0%	32	34		1.1%
8	44	2.8%	2000	0	36	1.6%	36	36		1.2%
TOTAL	1,562		2000	2	72	0.0%	40	25		0.8%
	T. 000		4000 6000	1	107	0.8%	44	21		0.7%
	ESORTS	ED EOM	8000	2	143	1.6%	48	12		0.4%
DET	SORTS	FREQ% 5.3%	10000	2	179	1.6%	52	13		0.4%
9	80 198	13.2%	12000	9	215	7.3%	56	9		0.3%
10 11	283	18.9%	14000	14	250	11.4%	60	6		0.2%
12	312	20.8%	16000	19	286	15.4%	64	9		0.3%
13	308	20.6%	18000	31	322	25.2%	68	5		0.2%
14	1 <b>9</b> 9	13.3%	20000	4	358	3.3%	72	7		0.2%
15	117	7.8%	22000	0	394	0.0%	76	4		0.1%
TOTAL	1,497	120	24000	0	429	0.0%	80	6		0.2%
IOIAL	1,47/		26000	0	465	0.0%	84	8		0.3%
			>28000	0	0		>84	85		2.8%
			TOTAL	123			TOTAL	3,059		
		HPE	2,975	MPE	4,113	DISE	55,107			

FREQUENCY



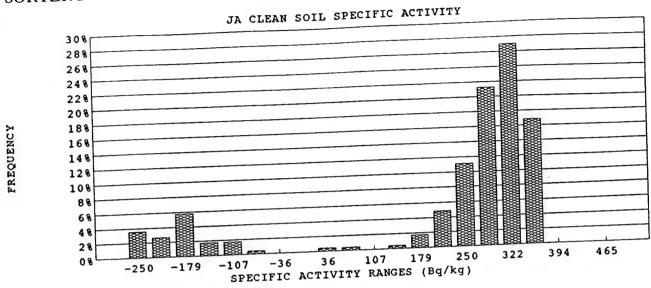


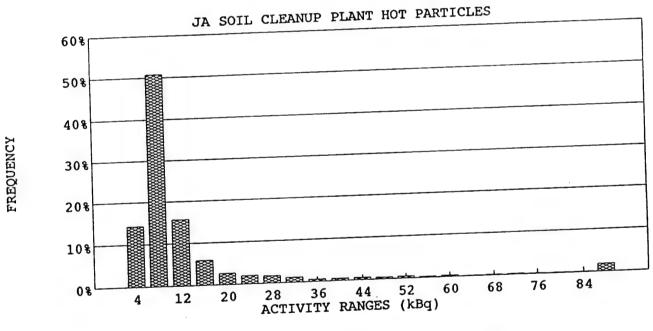


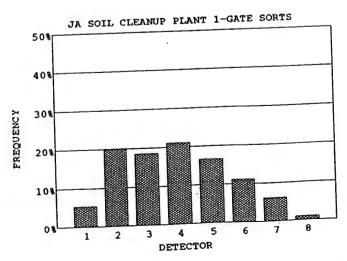


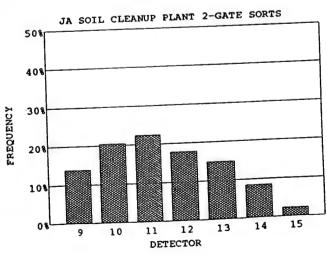
C-251

0055	TED A						1	2-Apr-94		
SORT		ORTER SOIL	DENSITY	1.20 to	ns/m³	1	BACKGROUND	_	0.80	± 0.03 c/s
SOIL		JK I EK COLD			CONTAM	INATED	CLEAN		TOTA	L
	MASS TOTA	A.1			38.3	ons	10.5 ton	S	48.7 t	ons
	MASS TO I				58.1	κg	55.9 kg			
	MINIMUM/				0.7	cg.	36.3 kg			
		N-GROUND	1		30.3		8.3 yd <sup>3</sup>		38.6 y	d³
,	WEIGHT R	ECOVERY (C	CLEAN/(HOT	+CLEAN)	)	21.5%				
ACTI							DISPER	RSED + PARTI	CLE	
ACII	V I I I				PART	ICLE	HOT	(	CLEAN	
	TOTAL				46,248	cВq	36,941 kB	ą.	2,814 k	-
	MAXIMUM	SORT			3,934	kBq	1,994 kB	•	20 k	-
	MINIMUM				2	kBq	0 Bq		-16 k	_
	SPECIFIC A						965 Bq	/kg	269 E	3q/kg
SORT										
		OCESS PERI	ODS				872			PAUSE
	A DEC PR	LL 80 ELEME	ENTS SORT	MD>0&MN	$\sqrt{D}=0$ )	667			ПМЕ	TIME
	N.	ONE (AD=0	& MD=0 & M	ND>0)	,	13		1	None	07:16
	SC	OME(AD>08	20 <md<mn< td=""><td>Dmax&amp;MN</td><td>D<mndmax)< td=""><td>192</td><td></td><td></td><td></td><td>09:42</td></mndmax)<></td></md<mn<>	Dmax&MN	D <mndmax)< td=""><td>192</td><td></td><td></td><td></td><td>09:42</td></mndmax)<>	192				09:42
		NEXPLAINE			0					10:48
	·		<ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td><td>11:51</td></ad<1kbq>		0					11:51
			D=0 & MD>		0					
		A	D<0 & MD >	0	0					
		UNT PERIOD				•	8,720			
	2-	-SEC RECOR	DS WITH SO			3,041				
	2-	-SEC RECOR	DS WITHOU	TT SORTS		5,679	2012			
	TOTAL PR	OCESS RECO	RDS (2-s SC	RTS and 20	)-s PERIODS	)	3,913			
	NONPROC	ESSING REC	ORDS (Test, o	calibration,	etc)		21			
	2-SEC SOF	T DETECTO				c Drec	10	0.3%		
	1	DET	2,202	72.4%		DET	0	0.0%		
		DET	661	21.7%		DET	0	0.0%		
		DET	134	4.4%		7 DET 8 DET	0	0.0%	,	
		DET	34	1.1%	7.9		· ·	0.070		
	AVERAGE	TIME BETW	EEN 2-SEC	SOR 15	1.9	sec				
FREC	<b>UENC</b>	Y DISTRI	ROLION				. COT. D	NUM		FREQ%
1-GAT	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	(#)		INDQA
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	2.50	(kBq)	437		14.4%
1	82	5.3%	-14000	8	-250	3.5%	4 8	1,545		50.8%
2	308	20.1%	-12000	6	-215		12	475		15.6%
3	285	18.6%	-10000	13	-179 -143	5.8% 1.8%	16	179		5.9%
4	324	21.1%	-8000	4	-143 -107	1.8%	20	80		2.6%
5	254	16.6%	-6000	4	-107 -72	0.4%	24	59		1.9%
6	171	11.2%	-4000 -2000	1 0	-36	0.0%	28	52		1.7%
7	94	6.1%	-2000 0	0	0	0.0%	32	36		1.2%
8	1522	1.0%	2000	1	36	0.4%	36	18		0.6%
TOTAL	1,533		4000	1	72	0.4%	40	18		0.6%
2 047	TE CODTC		6000	0	107	0.0%	44	18		0.6%
	ESORTS	FREQ%	8000	1	143	0.4%	48	12		0.4%
DET 9	SORTS 209	13.9%	10000	4	179	1.8%	52	14		0.5%
10	308	20.4%	12000	11	215	4.9%	56	8		0.3%
11	339	22.5%	14000	25	250	11.1%	60	11		0.4%
12	268	17.8%	16000	48	286	21.2%	64	2		0.1%
13	223	14.8%	18000	61	322	27.0%	68	5		0.2%
14	127	8.4%	20000	38	358	16.8%	72	6		0.2%
15	34	2.3%	22000	0	394	0.0%	76	4		0.1%
TOTAL	1,508		24000	0	429	0.0%	80	4		0.1%
.0.70			26000	0	465	0.0%	84	4		0.1%
			>28000	0	0	0.0%	>84	54		1.8%
4			TOTAL	226			TOTAL	3,041		
			IOIAL	220			101112			







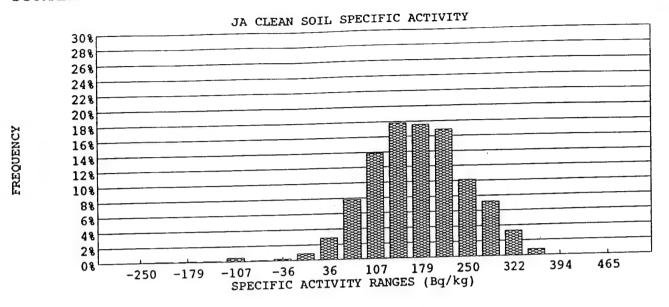


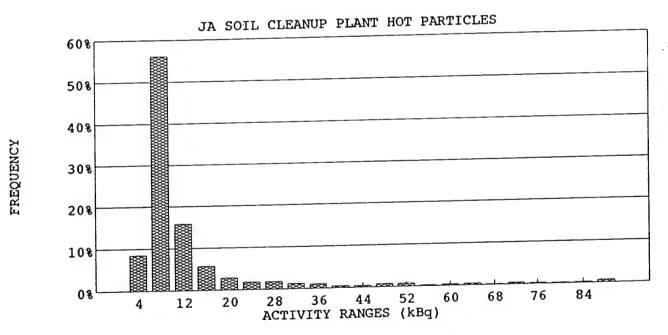
13-Apr-94

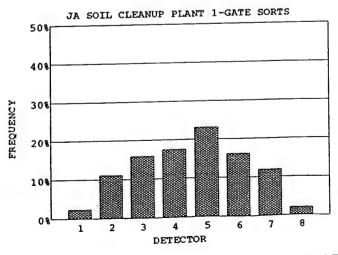
WORK DAY START 06:00 LUNCH START 11:00	AM AM	WORK DAY EN		16:30 PM 0.0 HR	
	SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL
					(sorter hours)
WORK HOURS	10.5 hr	10.5 hr	10.5 hr	10.5 hr	42.0 hr
SORTER AVAILABLE HOURS	10.3 hr	10.3 hr	0.0 hr	0.0 hr	20.5 hr
SORTER START-UP	06:00	06:00	NA	NA	
START SOIL PROCESSING	06:42	06:43	NA	NA	
TIME REQUIRED TO START-UP	0.7 hr	0.7 hr	0.0 hr	0.0 hr	1.4 hr
SORTER SHUT-DOWN	16:15	16:15	NA	NA	
END SOIL PROCESSING	16:00	16:00	NA	NA	0.51
TIME REQUIRED TO SHUT DOWN	0.2 hr	0.2 hr	0.0 hr	0.0 hr	0.5 hr
ACTUAL PROCESS HOURS	7.8 hr	7.8 hr	0.0 hr	0.0 hr	15.5 hr
DOWN-TIME	2.5 hr	2.5 hr	0.0 hr	0.0 hr	5.0 hr
SYSTEM PAUSE	1.5 hr	1.6 hr	0.0 hr	0.0 hr	3.1 hr
SORTER NONAVAILABLE TIME	0.2 hr	0.2 hr	10.0 hr	10.0 hr	20.5 hr
AUTHORIZED DELAY TIME	1.4 hr	1.4 hr	10.0 hr	10.0 hr	22.8 hr
PLANT PERFORMANCE					75.7%
PRODUCTIVTY					37.0%
PRODUCTIVITY					
Date	13-Apr-94	Excı	ised Delays for d	ay (sorter-hrs)	22.8 hr
Contract day (from 6 Sep)	177	Excı	ised delays for co	ontract (sorter-hrs)	2,945 hr
Current Contract week	30		ised delay days (		74 days
		Excu	ised delay month	s (plant-month)	2.83 months
Soil production for Day	156 M7	Γ			
Cumlative Soil Production for Week	388 M7	Γ Pero	ent of contract c	ompleted	39.8%
Total Soil production for contract			s Ahead or Behir		1,689 MT
Since 6 Sep 93	38,224 M7	Γ Day:	s ahead or behind	d schedule	5 days
Since 6 Aug 93	39,815 M7	r			
Total Soil production for project	66,102 M	Γ			

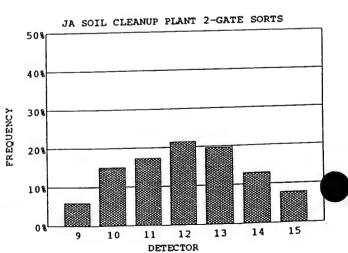
ORTE	7R 1							Apr-94	
		RTER SOIL D	ENSITY	1.20 tons.	/m³	BAC	KGROUND		6 ± 0.03 c
OIL		CIERCO II			CONTAMIN	NATED	CLEAN		TAL
	oc TOTA				9.1 to	ns	69.1 tons	78.3	2 tons
•	IASS TOTA				58.1 kg		55.9 kg		
	(AXIMUM/S {INIMUM/S				0.7 kg		46.1 kg		
		-GROUND			7.2 yd		54.8 yd <sup>3</sup>	62.	0 yd³
V	CLUMEIN	COVERY (CI	FAN/HOT-	CLEAN))		88.4%			
		COVERTIC					DISPERSED	+ PARTICLE	
CTIV	11 1				PARTIC	TE	нот	CLEA	N
					13,250 kF		11,002 kBq	10,96	8 kBq
	TATO				186 kE		191 kBq		9 kBq
	AXIMUM/				2 kE	_	(3,795)Bq		1 kBq
N	AINIMUM/S	ORT			2 KL	24	1,213 Bq/kg	15	9 Bq/kg
	PECIFIC A	CHVITY							
ORTS	S						1 200	HNE	(P PAUSE
	0-SEC PRO	CESS PERIC	DS				1,398	TIME	
	AL	L 80 ELEMEI	VTS SORT (M	ID>0&MN	D=0)	136		07:3	
	NC	NF(AD=0&	MD=0&M	(0 <qv< td=""><td></td><td>370</td><td></td><td>07:3</td><td></td></qv<>		370		07:3	
	so	ME(AD>0&	0 <md<mni< td=""><td>max&amp;MND</td><td><mndmax)< td=""><td>892</td><td></td><td>11:3</td><td></td></mndmax)<></td></md<mni<>	max&MND	<mndmax)< td=""><td>892</td><td></td><td>11:3</td><td></td></mndmax)<>	892		11:3	
	UN	EXPLAINED	RECORDS		0			11.5	12:57
			AD<1kBq &		2				
			)=0 & MD>0		0				
			> 0 & MD	0	1		13,980		
2	-SEC COU	NT PERIODS	S			1.100	13,700		
		SEC RECOR				1,180			
	2-	SEC RECOR	DS WITHOU	TSORTS		12,800	2,578		
7	TOTAL PRO	CESS RECO	RDS (2-s SO	RTS and 20	-s PERIODS)		2,578		
1	NONPROCE	ESSING RECO	ORDS (Test, c	alibration, e	lc)		2		
. 2	SEC SOR	T DETECTO	RS		_	D.CT	2	0.2%	
	1 [	DET	899	76.2%		DET	0	0.0%	
	2 I	DET	238	20.2%		DET	0	0.0%	
	31	DET	35	3.0%		DET	0	0.0%	
		DEL	6	0.5%		DET		0.070	
	AVERAGE	TIMEBETW	EEN 2-SEC	SORTS	31.1 se	ec			
<b>FREQ</b>	UENCY	DISTRI	BUTION	S				NU D 4	FREQ9
	ESORTS		ACT_ND	NUM	SPEC_A I	FREQ%	ACT_P	NUM	PREQ
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)	8.5%
1	14	2.3%	-14000	0	-250	0.0%	4	100	56.1%
2	66	11.1%	-12000	1	-215	0.1%	8	662	15.8%
3	95	15.9%	-10000	1	-179	0.1%	12	187	5.7%
4	104	17.4%	-8000	1	-143	0.1%	16	67	3.1% 2.9%
5	138	23.2%	-6000	6	-107	0.5%	20	34	1.8%
6	96	16.1%	-4000	1	-72	0.1%	24	21	
7	71	11.9%	-2000	3	-36	0.2%	28	21	1.8%
8	12	2.0%	0	11	0	0.9%	32	15	1.3%
TOTAL	596		2000	36	36	2.8%	36	12	1.0%
			4000	99	72	7.8%	40	6	0.5%
2-GAT	ESORTS		6000	175	107	13.8%	44	5	0.4%
	SORTS	FREQ%	8000	225	143	17.8%	48	8	0.7% 0.7%
9	35	6.0%	10000	222	179	17.6%	52	8	0.7%
10	88	15.1%	12000	213	215	16.9%	56	3	0.3%
11	101	17.3%	14000	128	250	10.1%	60	4	0.4%
12	125	21.4%	16000	91	286	7.2%	64	5	0.4%
13	115	19.7%	18000	41	322	3.2%	68	2	
	75	12.8%	20000	10	358	0.8%	72	5	0.4%
14	45	7.7%	22000	0	394	0.0%	. 76	3	0.3%
14	45		24000	0	429	0.0%	80	2	0.2%
15	591			0	465	0.0%	84	3	0.3%
	584		26000	U	400				
15	584		26000 >28000		0	0.0%	>84	7	0.6%
15	584		26000 >28000 TOTAL	0 1,264			>84 TOTAL	1,180	0.6%

SORTER 1

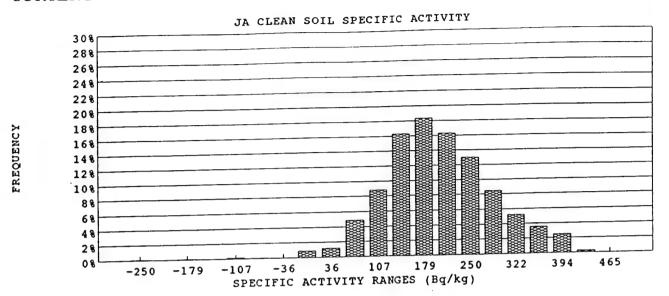


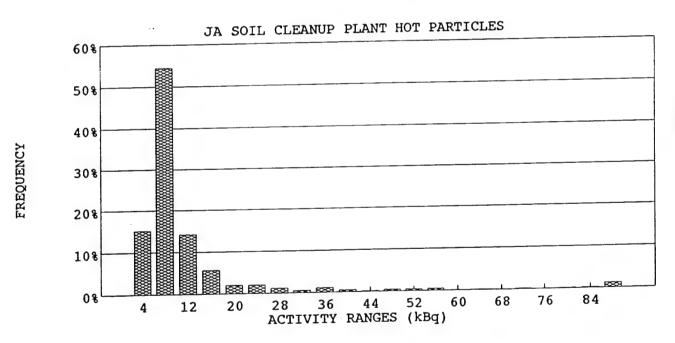


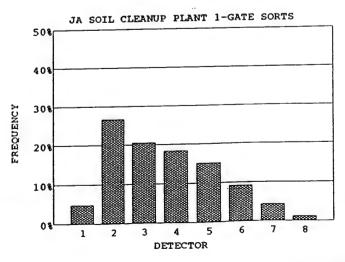


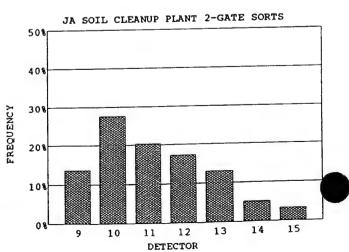


ODTED	2							.pr−94	0.02 - /
ORTER		TER SOIL DE	YTIZN	1.20 tons/m	3	BAC	KGROUND	0.75 ±	
	201	CIER SOIL DI	2113111		CONTAMIN	IATED	CLEAN	TOTA	
OIL					5.3 to		72.8 tons	78.1 to	ons
	S TOTAL				58.1 kg		55.9 kg		
	XIMUM/S				0.7 kg		47.5 kg	(10	
	IMUM/S	-GROUND			4.2 yd	3	57.7 yd <sup>3</sup>	61.9 y	a,
VOL	CHTRE	COVERY (CL	EAN/(HOT+	CLEAN))		93.2%			
CTIVI		00.2					DISPERSED	+ PARTICLE	
CHVI	L				PARTIC	1E	HOT	CLEAN	
					12,344 kF	Bq	7,712 kBq	13,572	
TO	I'AL XIMUM/	TYOS			353 kI	3q	258 kBq	22 1	_
	XIMUM/S IIMUM/S				3 kH	3q	(4,939)Bq	-8)	-
	CIFIC A						1,460 Bq/kg	180 1	3q/kg
ORTS	CHICA			-				**********	DATICE
OKIS	CEC DD C	CESS PERIO	DS.				1,397	TIME	PAUSE TIME
20-	SECPRO	L 80 ELEMEN	TS SORT (M	D>0&MND	=0)	73		07:03	11:16
	NO	SUCAD-08	MD=0.8 MI	1D>0)		594		11:36	11:16
	SO	ME(AD>0&0	<md<mnd< td=""><td>max&amp;MND &lt;</td><td>:MNDmax)</td><td>730</td><td></td><td>11.50</td><td>11:45</td></md<mnd<>	max&MND <	:MNDmax)	730		11.50	11:45
	UN	EXPLAINED	RECORDS		U				12:57
		0<	AD<1kBq &	MD>0	1				
		AD	=0 & MD > 0		0				
		AD	<0 & MD >	0	1		13,970		
2-	SEC COU	NT PERIODS				1,199	13,770		
	2-	SEC RECORI	OS WITH SO	RTS		12,771			
	2-	SEC RECORI	OS WITHOU	TSORTS	, DEDIODS)		2,596		
TO	TAL PRO	CESS RECOR	CDS (2-s SO	RTS and 20-	s rektoda)		2		
NC	NPROCE	SSING RECO	RDS (Test, c	alibration, etc	)				
2-		T DETECTOR		78.4%	5	DET	2	0.2%	
		DET	940 220	18.3%		DET	0	0.0%	
		DET	32	2.7%		DET	0	0.0%	
		DET	5	0.4%	8	DET	0	0.0%	
	4 I CD A CE	DET TIME BETWE	•		29.7 s	ec			
EDECT	IENICS	DISTRI	RUTION	S					
		DISTRI	ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM	FREQ%
1-GATES		EDEO#	(Bq)	(#)	(Bq/kg)		(kBq)	(#)	1618
DET S		FREQ% 4.8%	-14000	1	-250	0.1%	4	- 181	15.1%
1	28 157	4.8% 26.7%	-12000	0	-215	0.0%	8	654	54.5%
2	157 121	20.7%	-10000	1	-179	0.1%	12	170	14.2% 5.7%
3 4	108	18.3%	-8000	0	-143	0.0%	16	68	2.0%
5	89	15.1%	-6000	2	-107	0.2%	20	24 24	2.0%
6	54	9.2%	-4000	1	<i>−</i> 72	0.1%	24	14	1.2%
7	25	4.2%	-2000	0	-36	0.0%	28	7	0.6%
8	7	1.2%	0	12	0	0.9%	32 36	13	1.1%
TOTAL	589		2000	16	36	1.2%	30 40	6	0.5%
			4000	64	72	4.8% 8.8%	44	2	0.2%
2-GATE			6000	117	107	8.8% 16.3%	48	5	0.4%
	SORTS	FREQ%	8000	216	143 179	18.3%	52	5	0.4%
9	83	13.6%	10000	243	215	16.3%	56	6	0.5%
10	168	27.5%	12000	216 172	250	13.0%	60	o	0.0%
11	124	20.3%	14000	112	286	8.4%	64	1	0.1%
12	105	17.2%	16000 18000	69	322	5.2%	68	O	0.0%
13	79	13.0%	20000	47	358	3.5%	72	2	0.2%
14	31	5.1%	22000	33	394		76	0	0.0%
15 _	20	3.3%	24000	4	429		80	1	0.1%
TOTAL	610		26000	0	465		84	2	0.2%
			>28000	0	0		>84	14	1.2%
			TOTAL	1,326			TOTAL	1,199	
d .			101110		805	DISE	5,429		





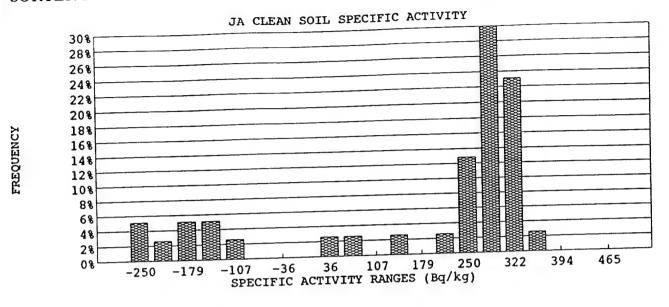


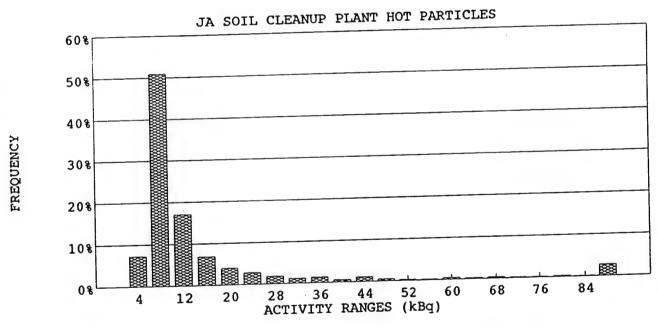


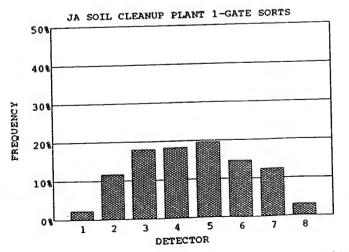
# WORK HISTORY – JA SOIL CLEANUP PLANT 14-Apr-94

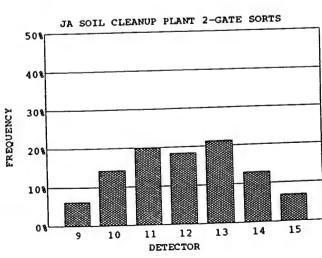
1								
	WORK DAY START	06:00 AM		WORK DAY E	ND	16:30 PM		
	LUNCH START	11:00 AM		TIME LOST DU	JRING LUNCH	0.5 HR		
			SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL	
			bon bon				(sorter ho	urs)
	WORK HOURS		10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 h	r
	SORTER AVAILABLE HOURS	;	3.0 hr	3.0 hr	0.0 hr	0.0 hr	6.0 h	r
	SORTER START-UP		06:00	06:00	NA	NA		
	START SOIL PROCESSING		06:17	06:16	NA	NA		
	TIME REQUIRED TO START-	-UP	0.3 hr	0.3 hr	0.0 hr	0.0 hr	0.6 h	r
	SORTER SHUT-DOWN		09:00	09:00	NA	NA		
	END SOIL PROCESSING		08:45	08:45	NA	NA		
	TIME REQUIRED TO SHUT D	OWN	0.2 hr	0.2 hr	0.0 hr	0.0 hr	0.5 h	r
	ACTUAL PROCESS HOURS		2.4 hr	2.4 hr	0.0 hr	0.0 hr	4.8 h	r
	DOWN-TIME		0.6 hr	0.6 hr	0.0 hr	0.0 hr	1.2 h	r
	SYSTEM PAUSE		0.1 hr	0.1 hr	0.0 hr	0.0 hr	0.2 h	r
	SORTER NONAVAILABLE TI	ME	7.0 hr	7.0 hr	10.0 hr	10.0 hr	34.0 h	ır
	AUTHORIZED DELAY TIME		7.0 hr	7.0 hr	10.0 hr	10.0 hr	34.0 h	ır
	PLANT PERFORMANCE						79.4%	
	PRODUCTIVTY						11.9%	
	PRODUCTIVITY							
			4.0	-	I Dolon for d	lau (anatar – han)	34 h	r
	Date		14-Apr-94		cused Delays for d		2,979 h	
	Contract day (from 6 Sep)		178			ontract (sorter-hrs)	74 d	
	Current Contract week		30		cused delay days (			nonths
			10.345		cused detay month	s (plant-month)	2.00	
	Soil production for Day		48 MT		rcent of contract c	ompleted	39.9%	
	Cumlative Soil Production for We		436 MT		ns Ahead or Behi	•	1.689 N	иΤ
	Total Soil production for contract						-•	iays
	Since 6 Sep 93		38,272 MT		ys ahead or behin	a schedule	, ,	,-
	Since 6 Aug 93	3	39,863 MT					
	Total Soil production for project		66,150 MT					

SORTI	FR 1							Apr-94	
OKII		RTER SOIL I	DENSITY	1.20 to	ns/m³	BA	CKGROUND	0.70	
SOIL	30	ILI SOIL I			CONTAMI	NATED	CLEAN	TOT	AL
	AASS TOTA	1.1			22.1 to		1.7 tons	23.8	tons
	AASS TOTA AAXIMUM				55.9 k	g	55.9 kg		
	AINIMUM/				0.7 k	g	43.3 kg	100	41
		N-GROUND			17.5 y		1.4 yd <sup>3</sup>	18.9	ya'
V	VEIGHTRI	ECOVERY (C	LEAN/(HOT	+CLEAN)	)	7.3%			
CTIV								D + PARTICLE	
.011.					PARTI	CLE	НОТ	CLEAN	
7	TOTAL				56,553 k	•	33,847 kBq		kBq kBq
	MAXIMUM	SORT			11,339 k		7,795 kBq		kBq
	MINIMUM/				2 k	Bq	0 Bq		Bq/kg
S	PECIFIC A	CTIVITY					1,533 Bq/kg		-1-0
ORT	S							INTEV	P PAUSE
	0-SEC PR	OCESS PERIO	DDS				426	TIME	TIME
•	Al	L 80 ELEME	NTS SORT (	MD>0&Mi	$\sqrt{D} = 0$	392			07:14
	N	ONE (AD=08	& MD=0 & M	ND>0)		1		None	07:14
	SC	ME(AD>0&	0 <md<mn< td=""><td>Dmax&amp;MN</td><td>D<mndmax)< td=""><td>33</td><td></td><td></td><td></td></mndmax)<></td></md<mn<>	Dmax&MN	D <mndmax)< td=""><td>33</td><td></td><td></td><td></td></mndmax)<>	33			
	U	NEXPLAINE	RECORDS		0				
			AD<1kBq &		0				
			D=0 & MD>		0				
		-	D<0 & MD >	0	0		4,260		
2	2-SEC COU	INT PERIODS	S	n TC		1,929	4,200		
	2-	-SEC RECOR -SEC RECOR	DS WITH SC	LL CODIC		2,331			
	2-	-SEC RECOR	DS WITHOU	RTS and 2	0-s PERIODS		2,355		
	TOTAL PRO	ESSING RECO	ORDS (Test. o	alibration.	etc)		5		
1	NONPROC	T DETECTO	BS (1635)	21101211011,	,				
4		DET	1,370	71.0%		DET	2	0.1%	
		DET	436	22.6%	•	DET	0	0.0%	
		DET	102	5.3%	7	DET	0	0.0%	
		DET	19	1.0%	8	DET	0	0.0%	
	AVERAGE	TIME BETWI	EEN 2-SEC	SORTS	6.2 s	ec			
FREO	UENCY	DISTRI	BUTION	IS					ED E0%
	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM	FREQ%
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)	7.3%
1	22	2.2%	-14000	2	-250	5.1%	4	140	50.9%
2	116	11.7%	-12000	1	-215	2.6%	8	982	17.0%
3	178	18.0%	-10000	2	-179	5.1%	12	328 132	6.8%
4	182	18.4%	-8000	2	-143	5.1%	16 20	132 77	4.0%
5	194	19.6%	-6000	1	-107	2.6%	20 24	54	2.8%
6	146	14.7%	-4000	0	-72 -36	0.0% 0.0%	28	34	1.8%
7	123	12.4%	-2000	0	-36 0	0.0%	32	23	1.2%
8	30	3.0%	2000	0	36	2.6%	36	26	1.3%
TOTAL	991		2000	1 1	72	2.6%	40	11	0.6%
	n 000m		4000 6000	0	107	0.0%	44	21	1.1%
	ESORTS	FREQ%	8000	1	143	2.6%	48	9	0.5%
DET 9	SORTS 58	6.2%	10000	0	179	0.0%	52	5	0.3%
10	134	14.3%	12000	1	215	2.6%	56	3	0.2%
11	188	20.0%	14000	5	250	12.8%	60	7	0.4%
12	173	18.4%	16000	12	286	30.8%	64	5	0.3% 0.3%
13	200	21.3%	18000	9	322	23.1%	68	6	
14	121	12.9%	20000	1	358	2.6%	72	4	0.2%
15	64_	6.8%	22000	0	394	0.0%	76	3	0.2%
15	938	0.570	24000	0	429	0.0%	80	5	0.3%
TOTAL	930		26000	0	465	0.0%	84	2	0.1%
TOTAL							- 04	52	2.7%
TOTAL			>28000	0	0	0.0%	>84		
TOTAL			>28000 TOTAL	39	0	0.0%	784 TOTAL 27,124	1,929	





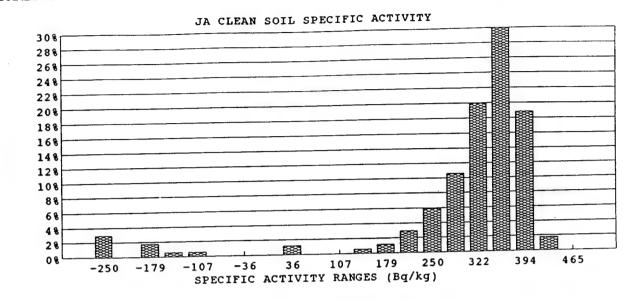


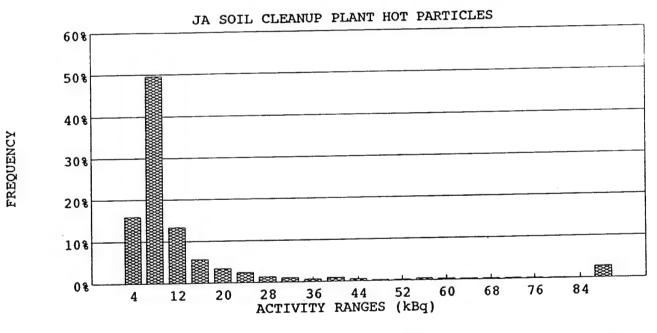


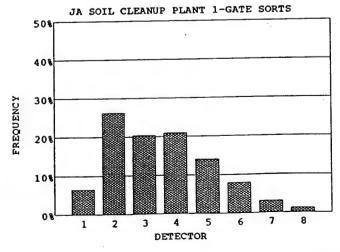
C-261

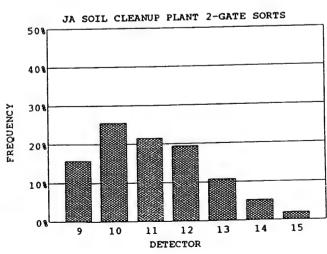
SORT	ER 2						14-	-Apr-94		
		ORTER SOIL	DENSITY	1.20 to	ns/m³	В	ACKGROUND		0.82	
SOIL					CONTAM	IINATED	CLEAN		TOTA	L
	MASS TOT	AI.			15.4	tons	8.7 tons		24.1 t	ons
	MAXIMUN				55.9	kg	55.9 kg			
	MINIMUM				0.7	kg	41.2 kg			
		N-GROUND			12.2	yd³	6.9 yd <sup>3</sup>		19.1 y	rd³
		ECOVERY (C	LEAN/(HOT	+CLEAN)	)	36.2%				
ACTI							DISPERSE	D + PARTIC	Æ	
ACII	V 1 1 1				PART	ICLE	нот	CL	EAN	
	TOTAL				28,995	kBq	19,147 kBq	2	2,685 k	cВq
	MAXIMUM	(SORT			1,064	kBq	612 kBq		23 1	_
	MINIMUM				2	kBq	O Bq		-17 )	_
	SPECIFICA						1,246 Bq/kg		308 E	3q/kg
SORT										
		OCESS PERIO	ากร				431	UI	<b>IEXP</b>	PAUSE
	ZU-SEC PR	LL 80 ELEME	NTS SORT	MD>0&M1	$\sqrt{D}=0$	262		TI	ME	TIME
	A	ONE (AD=0 &	MD=0& M	(ND>0)	/	13		No	ne	07:14
	IN C.	OME (AD=0 &	O <mo<mn< td=""><td>Dmax&amp;MN</td><td>D<mndmax< td=""><td></td><td></td><td></td><td></td><td></td></mndmax<></td></mo<mn<>	Dmax&MN	D <mndmax< td=""><td></td><td></td><td></td><td></td><td></td></mndmax<>					
	50	NEXPLAINEI	O BECUBDS		0					
	U		AD<1kBq &		0					
			D=0 & MD>		0					
			D<0 & MD>		0					
	2 SEC CO	UNT PERIODS		•			4,310			
		-SEC RECOR		ORTS		1,739				
		-SEC RECOR				2,571				
	TOTAL PR	OCESS RECO	RDS(2-s SC	RTS and 20	-s PERIODS	5)	2,170			
	NONDROC	ESSING RECO	ORDS (Test of	calibration,	etc)		1			
	2_SEC SOI	RT DETECTO	RS		,					
•		DET	1,266	72.8%		5 DET	2	0.1%		
		DET	365	21.0%		6 DET	0	0.0%		
		DET	91	5.2%		7 DET	0	0.0%		
		DET	15	0.9%		8 DET	0	0.0%		
		TIME BETWI	EEN 2-SEC	SORTS	6.8	sec				
		Y DISTRI								
	ESORTS	Dioliki	ACT_ND	NUM	SPEC_A	FREO%	ACT_P	NUM		FREQ%
		FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
	SORTS	6.4%	-14000	5	-250	2.9%	4	276		15.9%
1	55 224		-12000	0	-215	0.0%	8	862		49.6%
2	224	26.2% 20.4%	-10000	3	-179	1.8%	12	232		13.3%
3	174 179	20.4% 20.9%	-8000	1	-143	0.6%	16	98		5.6%
4		14.0%	-6000	1	-107	0.6%	20	59		3.4%
5	120 67	7.8%	-4000	0	-72	0.0%	24	42		2.4%
7		3.0%	-2000	0	-36	0.0%	28	24		1.4%
,	26 10	1.2%	-2000	0	0	0.0%	32	18		1.0%
TOTAL	855	1.670	2000	2	36	1.2%	36	11		0.6%
IOIAL	633		4000	0	72	0.0%	40	16		0.9%
2-GAT	ESORTS		6000	0	107	0.0%	44	10		0.6%
DET	SORTS	FREQ%	8000	1	143	0.6%	48	5		0.3%
9	139	15.7%	10000	2	179	1.2%	52	5		0.3%
10	225	25.5%	12000	5	215	2.9%	56	8		0.5%
11	190	21.5%	14000	10	250	5.9%	60	6		0.3%
12	172	19.5%	16000	18	286	10.6%	64	4		0.2%
13	95	10.7%	18000	34	322	20.0%	68	5		0.3%
13	93 46	5.2%	20000	53	358	31.2%	72	4		0.2%
15	17	1.9%	22000	32	394	18.8%	76	3		0.2%
	884	1.970	24000	3	429	1.8%	80	2		0.1%
TOTAL	004		26000	0	465	0.0%	84	1		0.1%
			>28000	0	0	0.0%	>84	48		2.8%
			TOTAL	170	v		TOTAL	1,739		
						DISE				
<b>EVENT</b>	TYPES	HPE	1,716	MPE	1,379	DISE	18,899	·····		

FREQUENCY







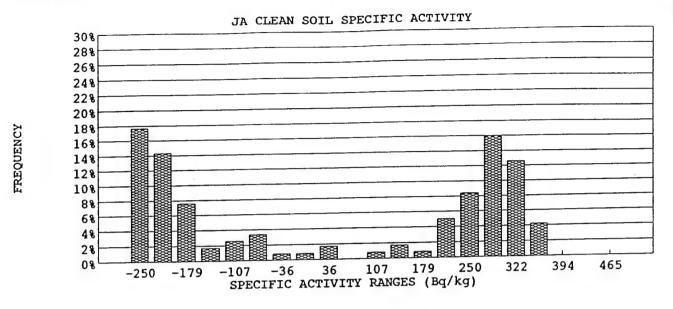


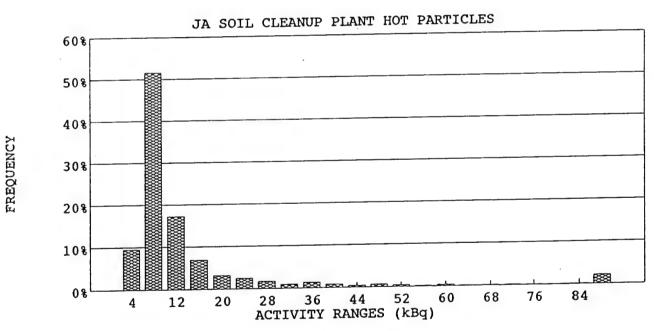
# WORK HISTORY - JA SOIL CLEANUP PLANT

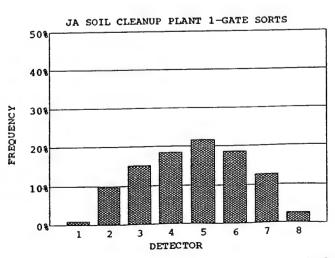
15-Apr-94

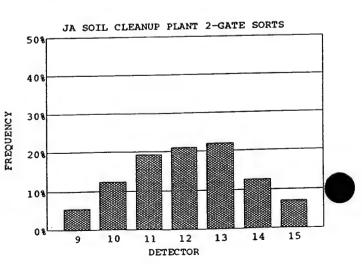
WORK DAY START LUNCH START	06:00 AM 11:30 AM		WORK DAY EN		16:30 PM 0.5 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL (sorter hours)
WORK HOURS SORTER AVAILABLE HOU SORTER START-UP START SOIL PROCESSING TIME REQUIRED TO STAR SORTER SHUT-DOWN END SOIL PROCESSING TIME REQUIRED TO SHUT ACTUAL PROCESS HOURS DOWN-TIME SYSTEM PAUSE SORTER NONAVAILABLE AUTHORIZED DELAY TIM PLANT PERFORMANCE	T-UP T DOWN	10.0 hr 4.3 hr 12:00 12:23 0.4 hr 16:20 16:06 0.2 hr 3.3 hr 1.1 hr 0.4 hr 5.7 hr	10.0 hr 4.3 hr 12:00 12:23 0.4 hr 16:20 16:06 0.2 hr 3.2 hr 1.2 hr 0.4 hr 5.7 hr	10.0 hr 0.0 hr NA NA 0.0 hr NA NA 0.0 hr 0.0 hr 0.0 hr 10.0 hr	10.0 hr 0.0 hr NA NA 0.0 hr NA NA 0.0 hr 0.0 hr 0.0 hr 10.0 hr	40.0 hr 8.7 hr 0.8 hr 0.5 hr 6.4 hr 2.2 hr 0.8 hr 31.3 hr 31.0 hr
PRODUCTIVIY						16.1%
PRODUCTIVITY						24.1
Date Contract day (from 6 Sep) Current Contract week		15-Apr-94 179 30	Exc Exc	cused delay days (	ontract (sorter-hrs)	31 hr 3,010 hr 75 days 2.89 months
Soil production for Day  Cumlative Soil Production for  Total Soil production for contu-  Since 6 Sep  Since 6 Au  Total Soil production for proje	ract 93 g 93	65 M <sup>2</sup> 500 M <sup>2</sup> 38,337 M <sup>2</sup> 39,928 M <sup>2</sup> 66,214 M <sup>2</sup>	T T Per Toi T Day T	cent of contract on Ahead or Behings ahead or behings	completed and Schedule	39.9% 1,682 MT 5 days

SORT	ER 1							-Apr-94		
		RTER SOIL I	DENSITY	1.20 ton			ACKGROUND		0.72 ±	
SOIL					CONTAM	NATED	CLEAN		TOTA	
1	MASS TOTA	L			27.5 to	ons	5.2 tons		32.7 to	ons
_	MAXIMUM				58.1 k	g	55.9 kg			
1	MINIMUM/	SORT			0.7 k	g	41.9 kg		25.0	••
		-GROUND			21.8 y		4.1 yd³		25.9 y	, q ,
	WEIGHTR	COVERY (C	LEAN/(HOT	+CLEAN))		15.9%				
ACTIV	VITY						DISPERSE	D + PARTIC		
					PARTI	CLE	HOT	C	LEAN	
•	TOTAL				33,382 k	:Bq	28,850 kBq		390 k	
	MAXIMUM	SORT			2,233 k	:Bq	1,376 kBq		19 k	•
-	MINIMUM/				3 k	:Bq	(16,578)Bq		-20 k	-
5	SPECIFIC A	CHVITY					1,049 Bq/kg		/5 E	3q/kg
ORT										
		OCESS PERIO	ODS				585	τ	INEXP	PAUSE
4		L 80 ELEME		MD>0&MN	D=0)	486			пме	TIME
		ONE (AD=0 &			*	37			14:55	13:50
	50	ME(AD>0&	0 <md<mn< td=""><td>Dmax&amp;MNI</td><td>O<mndmax)< td=""><td>62</td><td></td><td></td><td></td><td>14:36</td></mndmax)<></td></md<mn<>	Dmax&MNI	O <mndmax)< td=""><td>62</td><td></td><td></td><td></td><td>14:36</td></mndmax)<>	62				14:36
	U	NEXPLAINE	RECORDS		0					
	3.		AD<1kBq &		0					
			D=0 & MD>		0					
		A	D<0 & MD >	0	1.					
2		INT PERIOD					5,850			
		SEC RECOR				2,153				
	2-	SEC RECOR	DS WITHOU	T SORTS		3,697	0.720			
•	TOTAL PRO	OCESS RECO	RDS (2-s SC	RTS and 20	-s PERIODS	)	2,738			
		ESSING REC		alibration, e	tc)		20			
:	2-SEC SOR	TDETECTO				COCT	2	0.1%		
	1	DET	1,587	73.7%		DET	0	0.1%		
	21	DET	458	21.3%		DET	0	0.0%		
		DET	94	4.4%		DET DET	0	0.0%		
		DET	12 CEN 2 SEC	0.6%	7.4 s		v	0.070		
CDEO	AVERAGE	TIME BETW	DI ITION	IC	7.4 .					
		DISTRI			SPEC_A	EDEO%	ACT_P	NUM		FREQ%
	ESORTS	70.F.O.Y	ACT_ND	NUM	_	FKEQ/0	(kBq)	(#)		
	SORTS	FREQ%	(Bq)	(#) 21	(Bq/kg) -250	17.6%	4	204		9.5%
1	10	0.9%	-14000		-215		8	1.110		51.6%
2	110	10.0%	-12000	17	-213 -179	7.6%	12	370		17.2%
3	168	15.2%	-10000	9 2	-179 -143	1.7%	16	148		6.9%
4	203	18.4%	-8000 -6000	3	-107	2.5%	20	69		3.2%
5	239	21.6%	-4000 -4000	4	-72	3.4%	24	53		2.5%
6	205	18.6%	-2000	1	-36	0.8%	28	37		1.7%
7 8	140	12.7% 2.6%	-2000 0	1	0	0.8%	32	20		0.9%
8	1,104	2.070	2000	2	36	1.7%	36	28		1.3%
TOTAT	1.104		4000	0	72	0.0%	40	16		0.7%
TOTAL	-,		4000			0.8%	44	8		0.4%
			6000	1	107	0.070	-1-1			0.600
2-GAT	ESORTS	FREO%	6000 8000	1 2	107 143	1.7%	48	13		0.6%
2-GAT DET	ESORTS SORTS	FREQ% 5.5%	8000							0.4%
2-GAT DET 9	ESORTS SORTS 58	5.5%		2	143	1.7%	48 52 56	13 8 4		0.4% 0.2%
2-GAT DET 9 10	E SORTS SORTS 58 131	5.5% 12.5%	8000 10000	2 1	143 179	1.7% 0.8%	48 52 56 60	13 8 4 7		0.4% 0.2% 0.3%
2-GAT DET 9 10 11	E SORTS SORTS 58 131 202	5.5% 12.5% 19.3%	8000 10000 12000	2 1 6	143 179 215	1.7% 0.8% 5.0%	48 52 56 60 64	13 8 4 7 2		0.4% 0.2% 0.3% 0.1%
2-GAT DET 9 10 11	E SORTS SORTS 58 131 202 221	5.5% 12.5% 19.3% 21.1%	8000 10000 12000 14000	2 1 6 10	143 179 215 250	1.7% 0.8% 5.0% 8.4%	48 52 56 60	13 8 4 7		0.4% 0.2% 0.3% 0.1% 0.2%
2-GAT DET 9 10 11 12 13	E SORTS SORTS 58 131 202 221 230	5.5% 12.5% 19.3% 21.1% 21.9%	8000 10000 12000 14000 16000 18000	2 1 6 10 19	143 179 215 250 286	1.7% 0.8% 5.0% 8.4% 16.0%	48 52 56 60 64	13 8 4 7 2		0.4% 0.2% 0.3% 0.1% 0.2% 0.2%
2-GAT DET 9 10 11 12 13	E SORTS SORTS 58 131 202 221 230 132	5.5% 12.5% 19.3% 21.1% 21.9% 12.6%	8000 10000 12000 14000 16000 18000 20000	2 1 6 10 19	143 179 215 250 286 322	1.7% 0.8% 5.0% 8.4% 16.0% 12.6%	48 52 56 60 64 68	13 8 4 7 2		0.4% 0.2% 0.3% 0.1% 0.2% 0.2%
2-GAT DET 9 10 11 12 13 14	E SORTS 58 131 202 221 230 132 75	5.5% 12.5% 19.3% 21.1% 21.9%	8000 10000 12000 14000 16000 18000 20000 22000	2 1 6 10 19 15 5	143 179 215 250 286 322 358	1.7% 0.8% 5.0% 8.4% 16.0% 12.6% 4.2%	48 52 56 60 64 68 72	13 8 4 7 2 4		0.4% 0.2% 0.3% 0.1% 0.2% 0.2% 0.0%
DET 9 10 11 12 13	E SORTS SORTS 58 131 202 221 230 132	5.5% 12.5% 19.3% 21.1% 21.9% 12.6%	8000 10000 12000 14000 16000 18000 20000 22000 24000	2 1 6 10 19 15 5 0	143 179 215 250 286 322 358 394 429	1.7% 0.8% 5.0% 8.4% 16.0% 12.6% 4.2% 0.0%	48 52 56 60 64 68 72 76	13 8 4 7 2 4 4		0.4% 0.2% 0.3% 0.1% 0.2% 0.2% 0.0%
2-GAT DET 9 10 11 12 13 14	E SORTS 58 131 202 221 230 132 75	5.5% 12.5% 19.3% 21.1% 21.9% 12.6%	8000 10000 12000 14000 16000 18000 20000 22000 24000 26000	2 1 6 10 19 15 5 0 0	143 179 215 250 286 322 358 394 429 465	1.7% 0.8% 5.0% 8.4% 16.0% 12.6% 4.2% 0.0% 0.0%	48 52 56 60 64 68 72 76 80 84	13 8 4 7 2 4 4 1 0		0.4% 0.2% 0.3% 0.1% 0.2% 0.2% 0.0%
2-GAT DET 9 10 11 12 13 14	E SORTS 58 131 202 221 230 132 75	5.5% 12.5% 19.3% 21.1% 21.9% 12.6%	8000 10000 12000 14000 16000 18000 20000 22000 24000	2 1 6 10 19 15 5 0	143 179 215 250 286 322 358 394 429	1.7% 0.8% 5.0% 8.4% 16.0% 12.6% 4.2% 0.0% 0.0%	48 52 56 60 64 68 72 76 80	13 8 4 7 2 4 4 1		0.4% 0.2% 0.3% 0.1% 0.2% 0.2% 0.0% 0.0%

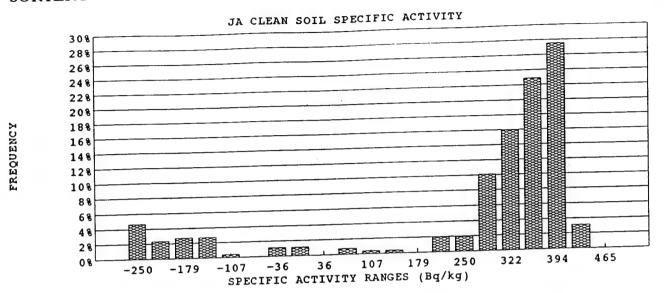


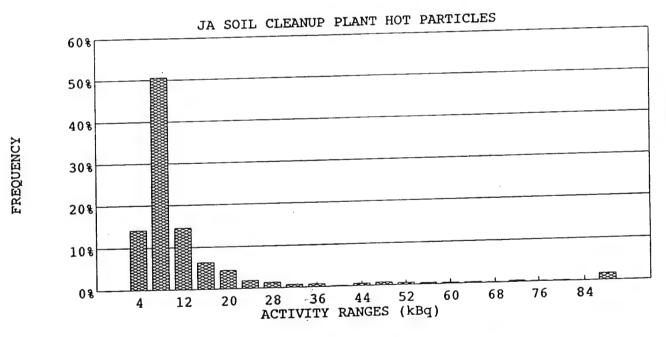


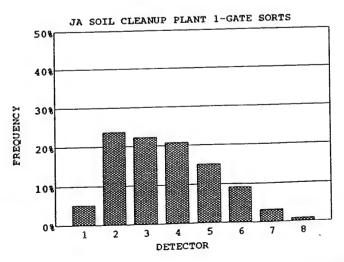


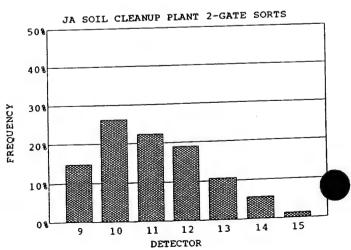


SORTI	ER 2						15-	Apr-94	
		RTER SOIL I	DENSITY	1.20 tons	s/m³	BA	CKGROUND	0.	.82 ± 0.05 c
TO	30	I I LI BOIL I	<u> </u>		CONTAM	INATED	CLEAN	T	OTAL
SOIL		_			19.6 1		12.5 tons	3:	2.0 tons
	MASS TOTA						55.9 kg		
y	MAXIMUM	SORT			58.1	•	43.3 kg		
	MINIMUMA				0.7 1	-	9.9 yd <sup>3</sup>	2:	5.4 yd <sup>3</sup>
		I-GROUND			15.5		9.9 yu	2.	ju
V	VEIGHTRI	COVERY (C	LEAN/(HOT	+CLEAN))		39.0%			
ACTIV	ЛТҮ						DISPERSEI	) + PARTICLE	
					PART	ICLE	HOT	CLE	
7	TOTAL				26,799 1	kBq	20,407 kBq	3,8	49 kBq
	MAXIMUM	SORT			1,001	kBq	781 kBq		23 kBq
-	MINIMUM/				2 1	kBq	(7,141)Bq		15 kBq
_	SPECIFIC A						1,044 Bq/kg	3	08 Bq/kg
		CHVIII							
SORT			200				573	UNE	EXP PAUSE
2	20-SEC PR	OCESS PERIO	NIDO CONTRA	/D>083/31	D-0)	334		TIM	
	AI	L 80 ELEME	M 12 20K I (I	MD> W	D-0)	20			:55 13:50
	N	ONE (AD=0 &	MD=U&M	NU>U)	\_MNID"\	_			14:36
	SC	ME(AD>0&	U <md<mn< td=""><td>Jmax&amp;MNL</td><td>√mindmax) ∨</td><td>217</td><td></td><td></td><td>15:44</td></md<mn<>	Jmax&MNL	√mindmax) ∨	217			15:44
	Ul	VEXPLAINE			0				
			AD<1kBq &		_				
			D=0 & MD>		0				
			D<0 & MD >	U	1		5,730		
2	2-SEC COL	INT PERIOD	S			1 001	3,730		
	2-	SEC RECOR	DS WITH SO	RTS		1,901			
	2-	SEC RECOR	DS WITHOU	TSORTS	4	3,829	2.454		
7	TOTALPRO	CESS RECO	RDS (2-s SO	RTS and 20	–s PERIODS	5)	2,474		
1	NONPROCI	ESSING RECO	ORDS (Test, o	alibration, e	tc)		19		
2	2-SEC SOR	TDETECTO	RS					0.400	
	11	DET	1,406	74.0%		5 DET	2	0.1%	
	21	DET	413	21.7%		6 DET	0	0.0%	
	3 1	DET	67	3.5%		7 DET	0	0.0%	
		DET	13	0.7%		8 DET	0	0.0%	
		TIME BETW	EEN 2-SEC	SORTS	8.2	sec			
FREO	LIENCY	DISTRI	BUTION	S					
		Diolica	ACT_ND	NUM	SPEC_A	FREO%	ACT_P	NUM	FREQ%
	ESORTS	ED EOW	_	(#)	(Bq/kg)		(kBq)	(#)	
DET	SORTS	FREQ%	(Bq) -14000	12	-250	4.7%	4	269	14.2%
1	48	5.1%				2.3%	8	961	50.6%
2	224	23.7%	-12000	6	-215 -179	2.7%	12	277	14.6%
3	210	22.2%	-10000	7	-179 -143	2.7%	16	121	6.4%
4	196	20.8%	-8000	7			20	84	4.4%
5	142	15.0%	-6000	1	-107	0.4%		35	1.8%
6	86	9.1%	-4000	0	-72	0.0%	24	25	1.3%
7	30	3.2%	-2000	3	-36	1.2%	28		0.7%
8	8	0.8%	0	3	0	1.2%	32	14	0.7%
TOTAL	944		2000	0	36	0.0%	36	13	
			4000	2	72	0.8%	40	3	0.2%
2-GAT	ESORTS		6000	1	107	0.4%	44	11	0.6%
DET	SORTS	FREQ%	8000	1	143	0.4%	48	14	0.7%
9	142	14.8%	10000	0	179	0.0%	52	9	0.5%
10	251	26.2%	12000	5	215	1.9%	56	7	0.4%
11	214	22.4%	14000	5	250	1.9%	60	5	0.3%
12	181	18.9%	16000	26	286	10.1%	64	5	0.3%
13	102	10.7%	18000	41	322		68	2	0.1%
		5.6%	20000	59	358		72	7	0.4%
14	54		22000	71	394	27.5%	76	3	0.2%
15	13	1.4%		8	429	3.1%	80	4	0.2%
TITIAI	957		24000	0	465		84	1	0.1%
IOIAL			26000				>84	31	1.6%
TOTAL									
TOTAL			>28000	0	0	0.0%			
IOIAL			>28000 TOTAL	258	Û	DISE	TOTAL 24,647	1,901	





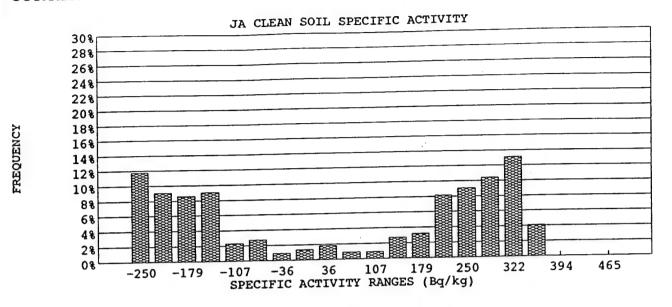


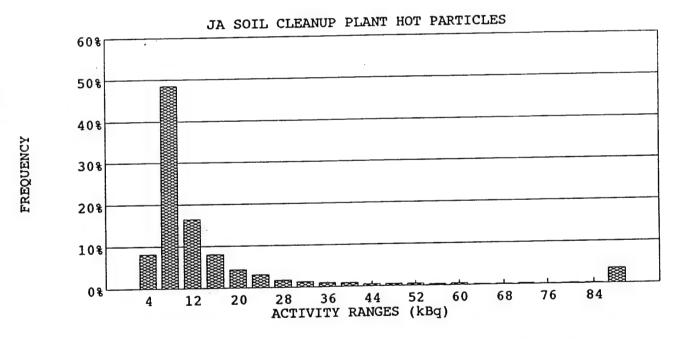


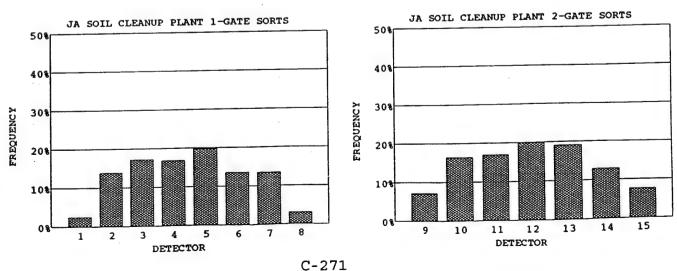
WORK HISTORY -	TA SOT	CLEANUP PL	ANT

	***					•
WORK DAY START	05:00 AM		WORK DAY I	END	15:30 PM	
LUNCH START	11:00 AM			URING LUNCH	0.0 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL
						(sorter hours)
WORK HOURS		10.5 hr	10.5 hr	10.5 hr	10.5 hr	42.0 hr
SORTER AVAILABLE HO	URS	8.4 hr	8.4 hr	0.0 hr	0.0 hr	16.8 hr
SORTER START-UP		05:20	05:20	NA	NA	
START SOIL PROCESSING	3	05:36	05:35	NA	NA	
TIME REQUIRED TO STA		0.3 hr	0.3 hr	0.0 hr	0.0 hr	0.5 hr
SORTER SHUT-DOWN		13:45	13:45	NA	NA	
END SOIL PROCESSING		13:34	13:35	NA	NA	
TIME REQUIRED TO SHO	JT DOWN	0.2 hr	0.2 hr	0.0 hr	0.0 hr	0.3 hr
ACTUAL PROCESS HOU		7.4 hr	7.4 hr	0.0 hr	0.0 hr	14.9 hr
DOWN-TIME		1.0 hr	1.0 hr	0.0 hr	0.0 hr	2.0 hr
SYSTEM PAUSE		0.6 hr	0.6 hr	0.0 hr	0.0 hr	1.1 hr
SORTER NONAVAILABL	ЕТІМЕ	2.1 hr	2.1 hr	10.0 hr	10.0 hr	24.2 hr
AUTHORIZED DELAY T		0.0 hr	0.0 h	10.0 hr	10.0 hr	20.0 hr
PLANT PERFORMANCE						88.3%
PRODUCTIVTY						35.4%
PRODUCTIVITY						
Date		16-Apr-94		xcused Delays for		20 hr
Contract day (from 6 Sep)		180			contract (sorter-hrs)	3,030 hr
Current Contract week		30		xcused delay days		76 days
			E	xcused delay mont	hs (plant-month)	2.91 months
Soil production for Day		150 MT				
Cumlative Soil Production for	or Week	650 M7	-	ercent of contract		40.1%
Total Soil production for con				ons Ahead or Beh		1,674 MT
Since 6 S		38,486 M7	L D	ays ahead or behi	nd schedule	5 days
Since 6 A	_	40,077 M	Γ			
Total Soil production for pro	_	66,364 M7	r			
•						

SORTI	FR 1							Apr-94		
SOKII		RTER SOIL I	DENSITY	1.20 ton	s/m³	BA	CKGROUND		.69 ±	
SOIL		KIBKOOL			CONTAM	INATED	CLEAN		OTA	
	MASS TOTA	AL.			63.4 t	ons	11.3 tons	7	4.7 1	ons
	MAXIMUM				58.1 k	•	55.9 kg			
N	MINIMUM/	SORT			0.7 1	•	42.6 kg 9.0 yd <sup>3</sup>	4	9.2 y	rd3
7	OLUMEIN	N-GROUND			50.3 y	/d³ 15.1%	9.0 yu	,	,,	•
		ECOVERY (C	LEAN/(HOT	+CLEAN))		15.1%	DICEPEDCE	D + PARTICL	E.	
ACTIV	/ITY				5 + D.	C C	HOT	CLE		
					PART		78,842 kBq		513 k	Ва
_	TOTAL				96,780 l 3,944 l	-	2,333 kBq		20 k	•
	MAXIMUM					ъч ъ	(29,092)Bq	-	-20 k	Вq
	MINIMUM/						1,243 Bq/kg		54 E	3q/kg
	SPECIFIC A	CHVIIY								
SORT							1,337	UN	EXP	<b>PAUSE</b>
2	20-SEC PR	OCESS PERIO	DDS	<i>ለ</i> D > በይላል	1D=0/	1,130	- <del></del>	MIT	1E	TIME
		L 80 ELEME			·D-0)	100		06	:21	06:11
	NO	ONE (AD=0 &	OND-V&M	mar&MN	D <mndmax)< td=""><td></td><td></td><td></td><td></td><td>07:24</td></mndmax)<>					07:24
	SC	ME(AD>0& NEXPLAINEI	O SECUEDS	Januar IVII V	0					08:55
	Ui	USVITED USE	AD<1kBq &	MD>0	0					09:37
			D=0 & MD>		0					10:25 13:31
		Al	D<0 & MD >	0	1		12.250			13.31
2	2-SEC COU	JNT PERIOD:	S				13,370			
	2-	-SEC RECOR	DS WITH SO	RTS		4,166 9,204				
	2-	-SEC RECOR	DS WITHOU	TSORIS	A BEDIODS		5,503			
-	TOTAL PRO	OCESS RECO	RDS (2-s SU	R 15 and 20	)—s PERIODS	,	14			
1	NONPROC	ESSING RECO	DKD2 ( 1681 c	anoration, e	<i></i> )					
- 1		T DETECTO DET	2,948	70.8%		5 DET	20	0.5%		
		DET	931	22.3%		6 DET	0	0.0%		
		DET	212	5.1%		7 DET	2	0.0%		
	4	DET	55	1.3%		8 DET	0	0.0%		
	AVERAGE	TIME BETW	EEN 2-SEC	SORTS	9.1	sec				
FREO	UENCY	DISTRI	BUTION	S				>17.13.4		FREQ%
	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ#
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	44.00	(kBq) 4	(#) 339		8.1%
1	51	2.4%	-14000	26	-250	11.8%		2,019		48.5%
2	296	13.8%	-12000	20	-215	9.0% 8.6%	8 12	684		16.4%
3	367	17.2%	-10000	19	-179 -143	8.6% 9.0%	16	335		8.0%
4	360	16.8%	-8000 -6000	20 5	-143 -107	2.3%	20	180		4.3%
5	422	19.7%	-4000 -4000	6	<b>-72</b>	2.7%	24	129		3.1%
6 7	290 287	13.6% 13.4%	-2000	2	-36	0.9%	28	71		1.7%
/ 2	65	3.0%	0	3	0	1.4%	32	53		1.3%
TOTAL	2,138	3.070	2000	4	36	1.8%	36	40		1.0% 0.9%
			4000	2	72	0.9%	40	36 20		0.5%
2-GAT	ESORTS		6000	2	107	0.9% 2.7%	44 48	21		0.5%
DET	SORTS	FREQ%	8000	6	143 179	3.2%	52	21		0.5%
9	144	7.1%	10000	7 18	215	8.1%	56	12		0.3%
10	333	16.4%	12000 14000	20	250	9.0%	60	15		0.4%
11	345 404	17.0% 19.9%	16000	23	286	10.4%	64	8		0.2%
12 13	388	19.1%	18000	29	322	13.1%	68	8		0.2%
14	261	12.9%	20000	9	358	4.1%	72	9		0.2%
15	153	7.5%	22000	0	394	0.0%	76	3		0.1%
TOTAL	2,028	1.570	24000	0	429	0.0%	80	8		0.2%
IOIAL	2,020		26000	0	465	0.0%	84	8		0.2%
			>28000	0	0	0.0%	>84	147		3.5%
			TOTAL	221			TOTAL	4,166		
	TYPES	HPE	3,972	MPE	8,840	DISE	77,985			

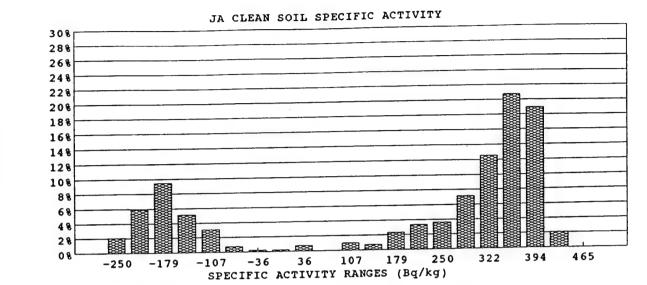


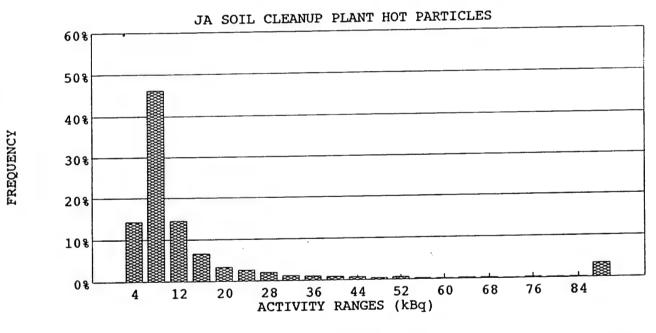


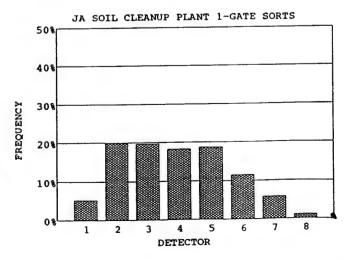


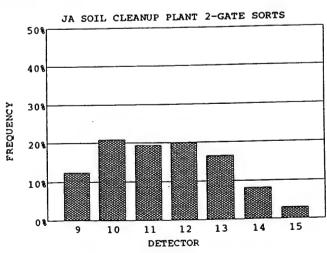
ODOT	TD 2							Apr-94	
ORTE	K Z	congres cour Di	CNCITV	1.20 tons	/m³	BA	CKGROUND	0.79	± 0.05 c/
		SORTER SOIL DI	ENSITI	1.20 10113/	CONTAMI		CLEAN	TOT	TAL
OIL					54.4 10		20.4 tons	74.8	tons
	ASS TO				58.1 kg		55.9 kg		
		IM/SORT			0.7 kg		41.9 kg		
		M/SORT			43.1 ye		16.1 yd <sup>3</sup>	59.3	yd <sup>3</sup>
V	OLUMI	EIN-GROUND	EAN/HOT-	CT FANN	,	27.2%			
		RECOVERY (CL	EANATIOT	(4424.))			DISPERSED	+ PARTICLE	
CTIV	ITY				PARTI	CI E	нот	CLEA	٧
					111,884 k		72,323 kBq	4,023	kBq
	OTAL				5,393 k		3,066 kBq	23	kBq
		JM/SORT			2 k	•	(17,090)Bq	-16	kBq
		M/SORT			2	~ 4	1,329 Bq/kg	197	Bq/kg
		CACTIVITY							
ORTS	3						1,338	UNEX	P PAUSE
20	-SEC	PROCESS PERIO	DS		- 0	960	1,000	TIME	TIME
		ALL 80 ELEMEN	TS SORT (M	ID>0&MNI	)=U)	130		06:21	06:11
		NONE (AD-08	MD=0 & M	4D>0)		248			07:24
		SOME (AD>0&0	<md<mni< td=""><td>max&amp;MND</td><td>^ ∨ MNDwax)</td><td>240</td><td></td><td></td><td>08:55</td></md<mni<>	max&MND	^ ∨ MNDwax)	240			08:55
		UNEXPLAINED	RECORDS		0				09:37
			AD<1kBq &		0				10:25
			=0 & MD>(		1				13:31
			<0 & MD >	U	1		13,380		
2	-SEC (	COUNT PERIODS		n mc		4,044			
		2-SEC RECORI	S WITH SO	K12		9,336			
		2-SEC RECORI	S WITHOU	1 20K 12	-s PERIODS		5,382		
Т	OTAL	PROCESS RECOR	DS (2-s SO	K 15 and 20	=\$ FERTODS	,	13		
N	IONPR	OCESSING RECO	RDS (Test, c	andration, c	(C)				
2	-SEC	ORT DETECTOR		70.8%	9	DET	26	0.6%	
		1 DET	2,863	22.2%		DET	0	0.0%	
		2 DET	899	5.1%		DET	2	0.0%	
		3 DET	207 49	1.2%		B DET	1	0.0%	
		4 DET			9.3				
<i>P</i>	VERA	GETIME BETWE	EN 2-SECT	C					
FREQ	UEN	CY DISTRII	BUTION	3	CDEC A	EDEO%	ACT P	NUM	FREQ%
1-GATI		S	ACT_ND	NUM	SPEC_A	FREQ76	(kBq)	(#)	
DET	SORT		(Bq)	(#)	(Bq/kg)	2.0%	4	578	14.3%
1	10	5.2%	-14000	8	-250	5.9%	8	1,870	46.2%
2	40		-12000	23	-215 -179	9.5%	12	587	14.5%
3	40		-10000	37	-179 -143	5.1%	16	271	6.7%
4	37		-8000	20	-143 -107	3.1%	20	140	3.5%
5	38		-6000	12	-107 -72	0.8%	24	108	2.7%
6	23		-4000	3	-72 -36	0.3%	28	83	2.1%
7	11		-2000	1	-30	0.3%	32	49	1.2%
8 _	2		0	1	36	0.8%	36	40	1.0%
TOTAL	2,03	7	2000	3 0	72	0.0%	40	35	0.9%
			4000	4	107	1.0%	44	29	0.7%
2-GAT			6000	3	143	0.8%	48	17	0.4%
	SORT		8000	9	179	2.3%	52	27	0.7%
9	24		10000	13	215	3.3%	56	10	0.2%
10	41		12000 14000	14	250	3.6%	60	9	0.2%
11	38		16000	28	286	7.2%	64	11	0.3%
12	40			49	322	12.5%	68	10	0.2%
13	33		18000	81	358	20.7%	72	5	0.1%
14	16		20000 22000	74	394	18.9%	76	10	0.2%
15		2.9%		. 8	429	2.0%	80	8	0.2%
TOTAL	2,00	7	24000 26000	0	465		84	9	0.2%
					0		>84	138	3.4%
Í			>28000 TOTAL	391	U	0.070	TOTAL	4,044	
			TYTIAI.	. 191					

FREQUENCY







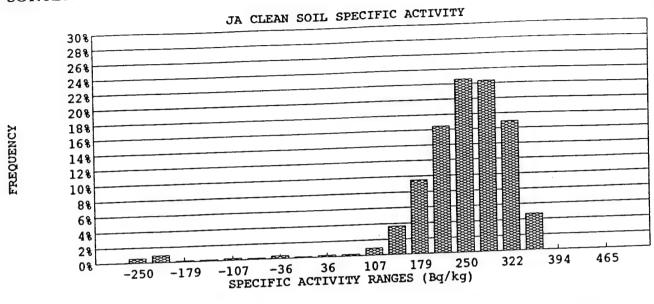


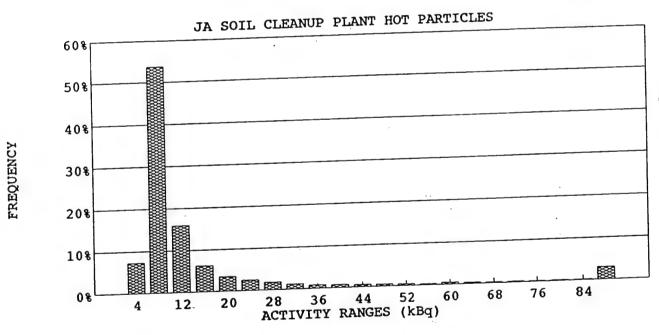
### WORK HISTORY - JA SOIL CLEANUP PLANT

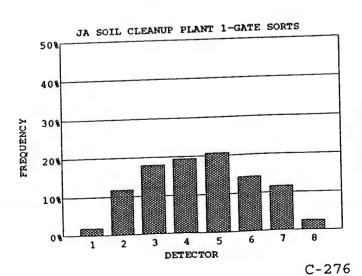
18-Apr-94

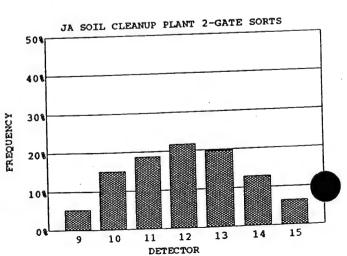
WORK DAY START	06:00	AM		WORK DA			16:30 PM		
LUNCH START	11:00	AM		TIMELOS	rDU	IRING LUNC	H 0.0 HR		
		SORTER	1	SORTE	2	SORTER 3	SORTER 4	TOTAL	L
		00111011	-					(sorter	hours)
WORK HOURS		10.5	hr	10.5	hr	10.5 hr	10.5 hr	42.0	hr
SORTER AVAILABLE HOURS		10.3	hr	10.3	hr	0.0 hr	0.0 hr	20.7	hr
SORTER START-UP		06:00		06:00		NA	NA		
START SOIL PROCESSING		06:18		06:36		NA	NA		
TIME REQUIRED TO START-	UP	0.3	hr	0.6	hr	0.0 hr	0.0 hr	0.9	hr
SORTER SHUT-DOWN	0.	16:20		16:20		NA	NA		
END SOIL PROCESSING		16:01		16:03		NA	NA		
TIME REQUIRED TO SHUT DO	own		hr	0.3	hr	0.0 hr	0.0 hr	0.6	hr
ACTUAL PROCESS HOURS	J	9.4	hr	9.2	hr	0.0 hr	0.0 hr	18.6	hr
DOWN-TIME		0.9	hr	1.2	hr	0.0 hr	0.0 hr	2.1	hr
SYSTEM PAUSE		0.3	hr	0.3	hr	0.0 hr	0.0 hr	0.6	hr
SORTER NONAVAILABLE TIM	Æ.	0.2	hr	0.2	hr	10.0 hr	10.0 hr	20.3	hr
AUTHORIZED DELAY TIME		0.0	hr	0.0	hr	10.0 hr	10.0 hr	20.0	hr
PLANT PERFORMANCE								90.0%	
PRODUCTIVTY								44.3%	
TRODUCTIVIT									
PRODUCTIVITY									
Date		18-Apr-94			Excu	used Delays for	day (sorter – hrs)	20	hr
Contract day (from 6 Sep)		181			Excu	used delays for	contract (sorter-hrs)	3,050	hr
Current Contract week		31			Excu	used delay days	(plant-days)	76	days
Carroni Contract Notes					Excu	used delay mon	ths (plant-month)	2.93	months
Soil production for Day		187	M	Γ					
Cumlative Soil Production for Wee	ek	187	M	Γ	Perc	ent of contract	completed	40.3%	
Total Soil production for contract					Tons	s Ahead or Bel	hind Schedule	1,702	
Since 6 Sep 93		38,673	M	r	Day	s ahead or beh	ind schedule	5	days
Since 6 Aug 93		40,264	M	Γ					
Total Soil production for project		66,551	M	Γ					

SORT	ER 1							-Apr-94	0.40	
	S	ORTER SOIL	DENSITY	1.20 to			BACKGROUND		0.68	
SOIL					CONTAM		CLEAN		TOTA	
1	MASS TOT.	AL			48.3		46.5 tons		94.9 1	tons
	MAXIMUM				55.9	_	55.9 kg			
	MINIMUM				0.7	-	46.8 kg 36.9 yd³		75.2 y	vd3
		N-GROUNI		CLOTEAN)	38.3	yu <sup>3</sup> 49.1%	30.9 yu		15.2	yu.
		ECOVERY	CLEAN/(HOT	+CLEAN)	)	49.170	Dienche	CD + DADT	TOLE.	
ACTI	VIIY					~~ 5		ED + PART		
					PART		HOT		CLEAN	
	TOTAL				98,755		70,169 kBq		11,299 1	•
	MAXIMUM	-			10,509		5,935 kBq		20 i -14 i	-
	MINIMUM				3	kBq	0 Bq	_		књи Bq/kg
	SPECIFIC A	CHVITY					1,452 Bq/kj	<u>.                                    </u>	243 1	bq/kg
SORT	S								r in ieruen	DATICE
:		OCESS PERI			<b></b>	000	1,697		TIME	PAUSE TIME
			ENTS SORT (		ND=0)	828				
	N	ONE (AD=0	& MD=0 & M	IND>0)	D 440	74			06:18 08:47	11:36 12:53
		•			D <mndmax)< td=""><td>795</td><td></td><td></td><td>00:47</td><td>14:16</td></mndmax)<>	795			00:47	14:16
	U		D RECORDS		0					15:27
			<ad<1kbq &<="" td=""><td></td><td>2</td><td></td><td></td><td></td><td></td><td>13.61</td></ad<1kbq>		2					13.61
			.D=0 & MD> .D<0 & MD >		0					
,	1 850 001	A UNT PERIOD		•0			16,970			
4			RDS WITH SO	ORTS.		4,036	10,570			
	_		RDS WITHOU			12,934				
					)-s PERIODS	•	5,733			
			ORDS (Test, o			,	7			
		TDETECTO	•		,					
•		DEL	2,942	72.9%		5 DET	11	0.3%		
		DET	848	21.0%		6 DET	0	0.0%		
	31	DET	190	4.7%		7 DET	0	0.0%		
	41	DET	45	1.1%		8 DET	0	0.0%		
	AVERAGE	TIME BETW	EEN 2-SEC	SORTS	11.5	sec				
FREO	UENCY	DISTRI	BUTION	IS						
_	E SORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
-	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1	37	1.8%	-14000	` ź	-250	0.6%	4	297		7.4%
2	241	11.7%	-12000	8	-215	0.9%	8	2,168		53.7%
3	370	18.0%	-10000	1	-179	0.1%	12	641		15.9%
4	398	19.4%	-8000	1	-143	0.1%	16	253		6.3%
5	424	20.7%	-6000	2	-107	0.2%	20	140		3.5%
6	293	14.3%	-4000	1	-72	0.1%	24	101		2.5%
7	238	11.6%	-2000	3	-36	0.3%	28	72		1.8%
8	51	2.5%	0	1	0	0.1%	32	47		1.2%
TOTAL	2,052		2000	2	36	0.2%	36	30		0.7%
			4000	2	72	0.2%	40	27		0.7% 0.6%
	ESORTS	m row	6000	8	107	0.9%	44 48	23 18		0.6%
DET	SORTS	FREQ%	8000	32	143 179	3.7% 9.5%	48 52	17		0.4%
9	104	5.2%	10000 12000	83 144	215	16.4%	56	10		0.4%
10	301	15.2% 18.8%	14000	198	250	22.6%	60	20		0.5%
11 12	373 431	21.7%	16000	196	286	22.4%	64	12		0.3%
13	392	19.8%	18000	148	322	16.9%	68	9		0.2%
		12.9%	20000	41	358	4.7%	72	11		0.3%
14	255					0.0%	72 76	7		0.2%
15_	128	6.5%	22000	0	394 429	0.0%	76 80	5		0.1%
OTAL	1,984		24000	0				6		0.1%
			26000	0	465	0.0%	84			3.0%
			>28000	0	0	0.0%	>84	122		3.0%
			TOTAL	876			TOTAL	4,036		

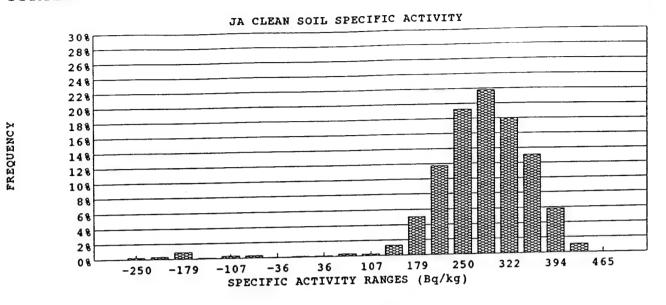


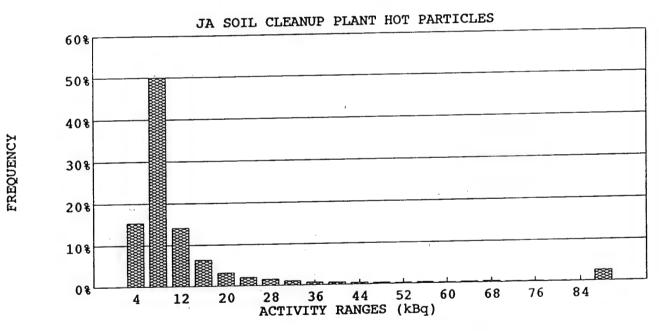


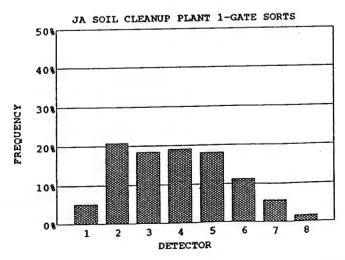


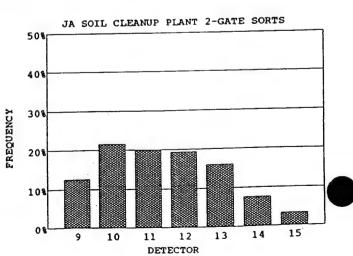


SORTE	ER 2							Apr-94	0.70	004
	sc	RTER SOIL	DENSITY	1.20 to			ACKGROUND		0.78 ±	
SOIL					CONTAM	INATED	CLEAN		TOTA	
	MASS TOTA	AL.			44.2	tons	48.1 tons		92.2 to	ons
	MAXIMUM				55.9	kg	55.9 kg			
-	MINIMUM/				0.7	kg	42.6 kg			
		N-GROUND			35.0	yd³	38.1 yd <sup>3</sup>		73.1 y	d³
		ECOVERY (C		+CLEAN	))	52.1%				
ACTIV							DISPERSE	D + PARTIC	LE	
ACTI V	111				PART	ICLE	нот	CI	EAN	
-	DOTAT				60,733		51,688 kBq	13	3,010 k	Bq
	TOTAL	CORT			2,022	•	1,567 kBq		23 k	-
	MUMIXAN					kBq	0 Bq		-15 k	:Bq
	MINIMUM/				-	AD4	1,170 Bq/kg		271 E	
	SPECIFIC A	CHVIII								
SORTS							1,650	ID	JEYP	PAUSE
2		OCESS PERIO		(D. 000	MD 01	7(2	1,030		ME	TIME
	Al	LL 80 ELEME	NTS SORT (	MD>0&M	MD=0)	763			one	11:36
	N	ONE (AD=0 &	& MD=0 & M	ND>0)	m ann :	180		NC	,,,,,	12:55
					ND <mndmax)< td=""><td>707</td><td></td><td></td><td></td><td>14:16</td></mndmax)<>	707				14:16
	U	NEXPLAINE			0					15:27
			<ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td><td>13.27</td></ad<1kbq>		0					13.27
			D=0 & MD>		0					
			D<0 & MD >	•0	U		16,500			
2		INT PERIOD		n m		2 620	10,500			
	_	-SEC RECOR				3,639				
		-SEC RECOR				12,861	5,289			
					0-s PERIODS	•)	9			
		ESSING REC		calibration,	etc)		y			
2		TDETECTO				c per	3	0.1%		
		DET	2,734	75.1%		5 DET	0	0.1%		
		DET	731	20.1%		6 DET	0	0.0%		
		DET	140	3.8%		7 DET	0	0.0%		
		DET	31	0.9%		8 DET	U	0.070		
		TIME BETW			12.1	sec				
FREQ	UENCY	DISTRI	BULION	IS						
1-GATI	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1	94	5.1%	-14000	2	-250	0.2%	4	559		15.4%
2	380	20.8%	-12000	3	-215	0.3%	8	1,817		49.9%
3 /		18.4%	-10000	8	-179	0.9%	12	513		14.1%
4	350	19.1%	-8000	1	-143	0.1%	16	232		6.4%
5	331	18.1%	-6000	. 3	-107	0.3%	20	115		3.2%
	206	11.3%	-4000	3	<b>-72</b>	0.3%	24	75		2.1%
6			-2000	0	-36	0.0%	28	53		1.5%
6 7	102	5.6%	2000	•		0.070				1.0%
	102 29	5.6% 1.6%	0	1	0	0.1%	32	37		
7 8 _	29						32 36	24		0.7%
7 8 _			0	1	0	0.1%	32	24 22		0.6%
7 8 FOTAL	29		0 2000	1 1	0 36	0.1% 0.1%	32 36	24 22 14		0.6% 0.4%
7 8 FOTAL	29 1,829 E SORTS		0 2000 4000	1 1 3	0 36 72	0.1% 0.1% 0.3% 0.2% 1.3%	32 36 40 44 48	24 22 14 12		0.6% 0.4% 0.3%
7 8 - TOTAL - 2-GATI	29 1,829	1.6%	2000 4000 6000	1 1 3 2	0 36 72 107 143 179	0.1% 0.1% 0.3% 0.2% 1.3% 5.0%	32 36 40 44 48 52	24 22 14 12 10		0.6% 0.4% 0.3% 0.3%
7 8 TOTAL 2-GATI DET	1,829 E SORTS SORTS	1.6% FREQ%	0 2000 4000 6000 8000	1 1 3 2 12	0 36 72 107 143	0.1% 0.1% 0.3% 0.2% 1.3% 5.0%	32 36 40 44 48 52 56	24 22 14 12 10 13		0.6% 0.4% 0.3% 0.3% 0.4%
7 8 IOTAL 2-GATI DET 9 10	29 1,829 E SORTS SORTS 228	1.6% FREQ% 12.6%	0 2000 4000 6000 8000 10000	1 1 3 2 12 45	0 36 72 107 143 179	0.1% 0.1% 0.3% 0.2% 1.3% 5.0%	32 36 40 44 48 52 56	24 22 14 12 10 13		0.6% 0.4% 0.3% 0.3% 0.4% 0.2%
7 8 FOTAL 2-GATI DET 9 10 11	29 1,829 E SORTS SORTS 228 389 359	1.6% FREQ% 12.6% 21.5%	0 2000 4000 6000 8000 10000 12000	1 1 3 2 12 45 105	0 36 72 107 143 179 215	0.1% 0.1% 0.3% 0.2% 1.3% 5.0%	32 36 40 44 48 52 56	24 22 14 12 10 13 8		0.6% 0.4% 0.3% 0.3% 0.4% 0.2% 0.3%
7 8 TOTAL - 2-GATE DET 9 10 11 12	29 1,829 E SORTS SORTS 228 389 359 350	1.6% FREQ% 12.6% 21.5% 19.8% 19.3%	0 2000 4000 6000 8000 10000 12000 14000	1 1 3 2 12 45 105 172	0 36 72 107 143 179 215 250	0.1% 0.1% 0.3% 0.2% 1.3% 5.0% 11.7% 19.2%	32 36 40 44 48 52 56	24 22 14 12 10 13		0.6% 0.4% 0.3% 0.3% 0.4% 0.2% 0.3% 0.4%
7 8 10TAL - 2-GATI DET 9 10 11 12 13	29 1,829 E SORTS SORTS 228 389 359 350 289	1.6% FREQ% 12.6% 21.5% 19.8% 19.3% 16.0%	0 2000 4000 6000 8000 10000 12000 14000 16000	1 1 3 2 12 45 105 172 195 161	0 36 72 107 143 179 215 250	0.1% 0.1% 0.3% 0.2% 1.3% 5.0% 11.7% 19.2% 21.8%	32 36 40 44 48 52 56 60 64	24 22 14 12 10 13 8		0.6% 0.4% 0.3% 0.3% 0.4% 0.2% 0.4% 0.2%
7 8 10TAL - 2-GATE DET 9 10 11 12 13	29 1,829 E SORTS SORTS 228 389 359 350 289 136	1.6% FREQ% 12.6% 21.5% 19.8% 19.3% 16.0% 7.5%	0 2000 4000 6000 8000 10000 12000 14000 18000 20000	1 1 3 2 12 45 105 172	0 36 72 107 143 179 215 250 286 322	0.1% 0.1% 0.3% 0.2% 1.3% 5.0% 11.7% 19.2% 21.8%	32 36 40 44 48 52 56 60 64	24 22 14 12 10 13 8 10		0.6% 0.4% 0.3% 0.3% 0.4% 0.2% 0.3% 0.4% 0.2% 0.2%
7 8 10TAL 2-GATE DET 9 10 11 12 13 14	29 1,829 E SORTS SORTS 228 389 359 350 289 136 59	1.6% FREQ% 12.6% 21.5% 19.8% 19.3% 16.0%	0 2000 4000 6000 8000 10000 12000 14000 16000 18000 20000	1 1 3 2 12 45 105 172 195 161 117 52	0 36 72 107 143 179 215 250 286 322 358	0.1% 0.1% 0.3% 0.2% 1.3% 5.0% 11.7% 19.2% 21.8% 18.0% 13.1%	32 36 40 44 48 52 56 60 64 68 72	24 22 14 12 10 13 8 10 13		0.6% 0.4% 0.3% 0.4% 0.2% 0.3% 0.4% 0.2% 0.1%
7 8 10TAL - 2-GATE DET 9 10 11 12 13	29 1,829 E SORTS SORTS 228 389 359 350 289 136	1.6% FREQ% 12.6% 21.5% 19.8% 19.3% 16.0% 7.5%	0 2000 4000 6000 8000 10000 12000 14000 16000 18000 20000 22000	1 1 3 2 12 45 105 172 195 161	0 36 72 107 143 179 215 250 286 322 358 394	0.1% 0.1% 0.3% 0.2% 1.3% 5.0% 11.7% 19.2% 21.8% 18.0% 13.1% 5.8%	32 36 40 44 48 52 56 60 64 68 72 76	24 22 14 12 10 13 8 10 13 7 6		0.6% 0.4% 0.3% 0.3% 0.4% 0.2% 0.3% 0.4% 0.2% 0.2%
7 8 10TAL 2-GATE DET 9 10 11 12 13 14	29 1,829 E SORTS SORTS 228 389 359 350 289 136 59	1.6% FREQ% 12.6% 21.5% 19.8% 19.3% 16.0% 7.5%	0 2000 4000 6000 8000 10000 12000 14000 18000 20000 22000 24000 26000	1 1 3 2 12 45 105 172 195 161 117 52 10	0 36 72 107 143 179 215 250 286 322 358 394 429	0.1% 0.1% 0.3% 0.2% 1.3% 5.0% 11.7% 19.2% 21.8% 18.0% 13.1% 5.8% 1.1% 0.0%	32 36 40 44 48 52 56 60 64 68 72 76 80 84	24 22 14 12 10 13 8 10 13 7 6		0.6% 0.4% 0.3% 0.4% 0.2% 0.3% 0.4% 0.2% 0.1%
7 8 10TAL 2-GATE DET 9 10 11 12 13 14	29 1,829 E SORTS SORTS 228 389 359 350 289 136 59	1.6% FREQ% 12.6% 21.5% 19.8% 19.3% 16.0% 7.5%	0 2000 4000 6000 8000 10000 12000 14000 16000 18000 20000 22000	1 1 3 2 12 45 105 172 195 161 117 52	0 36 72 107 143 179 215 250 286 322 358 394 429	0.1% 0.1% 0.3% 0.2% 1.3% 5.0% 11.7% 19.2% 21.8% 18.0% 13.1% 5.8% 1.1% 0.0%	32 36 40 44 48 52 56 60 64 68 72 76	24 22 14 12 10 13 8 10 13 7 6 4		0.6% 0.4% 0.3% 0.4% 0.2% 0.4% 0.2% 0.4% 0.2% 0.1%







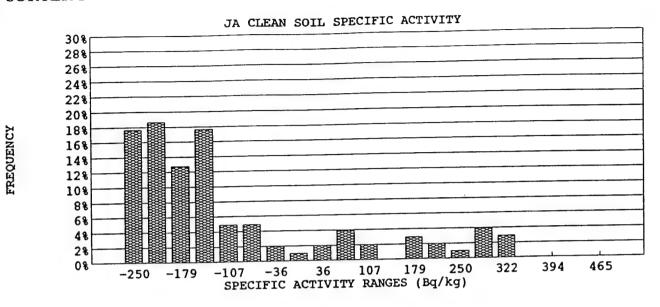


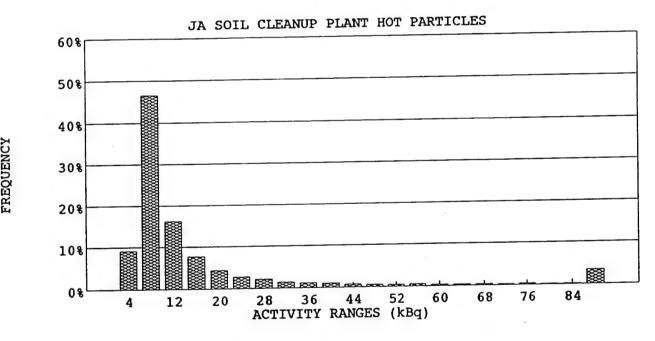
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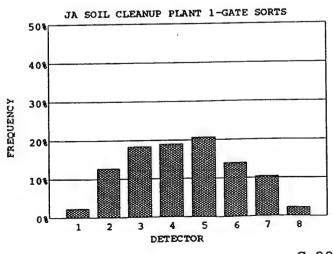
#### WORK HISTORY - JA SOIL CLEANUP PLANT 19-Apr-94

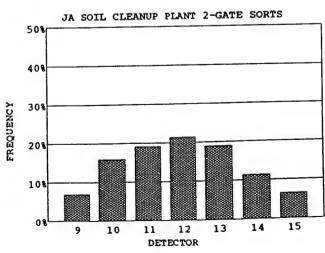
WORK DAY START	06:00 AM		WORK DA	Y END	16	6:30 PM	
LUNCH START	11:00 AM		TIMELOST	DURINGLU	NCH	0.0 HR	
		SORTER 1	SORTER	2 SORTE	R3 SOI	RTER 4	TOTAL (sorter hours)
WORK HOURS		10.5 hr	10.5	hr 10.5 l	hr 1	10.5 hr	42.0 hr
SORTER AVAILABLE HOURS		10.3 hr	10.3	hr 0.0 l	nr	0.0 hr	20.5 hr
SORTER START-UP		06:10	06:10	NA		NA	
START SOIL PROCESSING		06:26	06:25	NA		NA	
TIME REQUIRED TO START-	-UP	0.3 hr	0.3	hr 0.0 h	ır	0.0 hr	0.5 hr
SORTER SHUT-DOWN		16:25	16:25	NA		NA	
END SOIL PROCESSING		16:05	16:04	NA		NA	
TIME REQUIRED TO SHUT D	OWN	0.3 hr	0.3	hr 0.0 h	ar	0.0 hr	0.7 hr
ACTUAL PROCESS HOURS		9.1 hr	9.1	hr 0.0 h	or	0.0 hr	18.2 hr
DOWN-TIME		1.1 hr	1.2	hr 0.0 t	or	0.0 hr	2.3 hr
SYSTEM PAUSE		0.5 hr	0.6	hr 0.0 l	nr	0.0 hr	1.1 hr
SORTER NONAVAILABLE TI	ME	0.2 hr	0.2	hr 10.0 l	nr 1	0.0 hr	20.5 hr
AUTHORIZED DELAY TIME		0.0 hr	0.0	hr 10.0 l	ar 1	0.0 hr	20.0 hr
PLANT PERFORMANCE							88.7%
PRODUCTIVTY							43.3%
PRODUCTIVITY							
Date	1	9-Apr-94		Excused Delays	s for day (so	rter-hrs)	20 hr
Contract day (from 6 Sep)		182		Excused delays	for contract	(sorter-hrs)	3,070 hr
Current Contract week		31		Excused delay of	iays (plant-	days)	77 days
				Excused delay r	nonths (plai	nt-month)	2.95 mont
Soil production for Day		183 M7	Γ				
Cumlative Soil Production for We	ck	370 M	Γ	Percent of contr	ract comple	ted	40.4%
Total Soil production for contract				Tons Ahead or	Behind Sch	edule	1,727 MT
Since 6 Sep 93		38,856 MT	r	Days ahead or b	behind sche	dule	5 days
Since 6 Aug 93		40,447 M	Γ				
Total Soil production for project		66,734 MT	Γ				

ORTE	R 1							Apr-94	0.02
ORIE		RTER SOIL DI	ENSITY	1.20 tons	/m³	BA	CKGROUND	0.67	
SOIL		KI DK COLD D			CONTAMIN	NATED	CLEAN	TOTA	
	ASS TOTA	ī			86.7 to	ns	5.1 tons	91.7 to	ons
	AXIMUM.				58.1 kg		55.9 kg		
	INIMUM/				0.7 kg		46.1 kg	72.7 y	,d3
		N-GROUND			68.7 yd		4.0 yd <sup>3</sup>	12.1 y	ď
w	EIGHTRI	COVERY (CL	EAN/(HOT-	(LEAN)		5.5%		D. DOTTOLE	
ACTIV								+ PARTICLE	
ACIIV.					PARTIC	LE	HOT	CLEAN	n.
TY	OTAL				252,017 kI	3q	162,482 kBq	(607)k 17 k	-
	AXIMUM	SORT			8,531 kI	-	5,622 kBq	-20 i	-
	INIMUM/				2 kI	3q	(6,746)Bq	(120)]	-
	ECIFIC A						1,875 Bq/kg	(120).	
SORTS								INCV	PAUSE
	CEC DD	OCESS PERIO	os				1,641		TIME
20	-SEC PK	LL 80 ELEMEN	TS SORT (N	1D>0&MNI	D=0)	1,549		TIME	
	A	ONE (AD=0 &	MD=0 & M	ND>0)		73		08:39	07:37
	N	OME(AD=0& OME(AD>0&0	<md<mni< td=""><td>max&amp;MND</td><td><mndmax)< td=""><td>19</td><td></td><td>12:31</td><td>08:36</td></mndmax)<></td></md<mni<>	max&MND	<mndmax)< td=""><td>19</td><td></td><td>12:31</td><td>08:36</td></mndmax)<>	19		12:31	08:36
	50	NEXPLAINED	RECORDS		0				09:57
	U	NEAT LAINED	AD<1kBq &	MD>0	0				10:41
			=0 & MD>		0				11:15 12:26
			<0 & MD >	_	2				14:23
2	-SEC COI	UNT PERIODS					16,410		14.23
2.	. 2-	-SEC RECORD	S WITH SO	RTS		8,366			
	2.	-SECRECORE	S WITHOU	TSORTS		8,044	10.007		
т	OTAL PR	OCESS RECOR	DS (2-s SO	RTS and 20	-s PERIODS)		10,007		
N	ONPROC	ESSING RECO	RDS (Test, c	alibration, e	tc)		10		
2	-SEC SOF	RTDETECTOR	.S			DET	55	0.7%	
	1	DET	5,637	67.4%		DET	0	0.0%	
	2	DET	2,035	24.3%		DET	4	0.0%	
	3	DET	502	6.0%		DET	1	0.0%	
		DET	137	1.6%	5.8 s		•		
A	VERAGE	TIME BETWE	EN 2-SEC	SORTS	3.6 8	<u> </u>			
FREQ	<b>UENC</b>	Y DISTRIE	BUTTON	S			ACT D	NUM	FREQ%
1-GATE			ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	(#)	
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	+T (0)	(kBq) 4	759	9.1%
1	101	2.4%	-14000	18	-250		•	3,898	46.6%
2	545	12.8%	-12000	19	-215	18.6%	8	1,358	16.2%
3	788	18.4%	-10000	13	-179	12.7%	12 16	644	7.7%
4	811	19.0%	-8000	18	-143	17.6%	20	366	4.4%
5	884	20.7%	-6000	5	-107	4.9%	20 24	233	2.8%
6	600	14.0%	-4000	5	-72 26	4.9%	28	181	.2.2%
7	445	10.4%	-2000	2	-36	2.0% 1.0%	32	119	1.4%
8_	98	2.3%	0	1	0 36	2.0%	36	95	1.1%
TOTAL	4,272		2000	2	72	3.9%	40	84	1.0%
			4000	4	107	2.0%	44	59	0.7%
	ESORTS		6000	2	143	0.0%	48	45	0.5%
l .	SORTS	FREQ%	8000	0 3	179	2.9%	52	39	0.5%
9	283	6.9%	10000	2	215	2.0%	56	46	0.5%
10	650	15.9%	12000	1	250	1.0%	60	28	0.3%
11	782	19.1%	14000	4	286	3.9%	64	28	0.3%
12	875	21.4%	16000	3	322	2.9%	68	28	0.3%
13	773	18.9%	18000		358	0.0%	72	23	0.3%
14	465	11.4%	20000	0	394	0.0%	76	27	0.3%
15	266	6.5%	22000	0	429	0.0%	80	12	0.1%
TOTAL	4,094		24000	0		0.0%	84	12	0.1%
			26000	0	465		>84	282	3.4%
A1			>28000	0_	0	0.0%	TOTAL	8,366	
11			TOTAL	102			(()) Al	000	







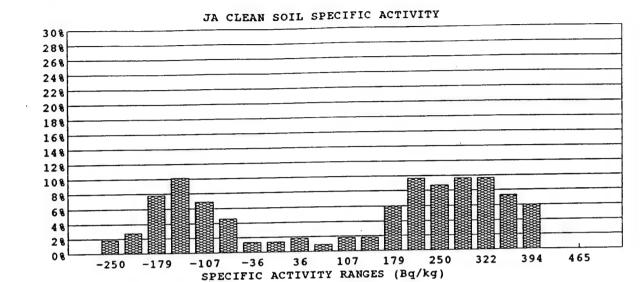


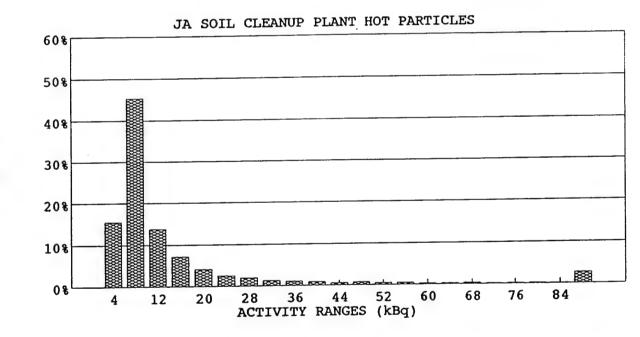
C-281

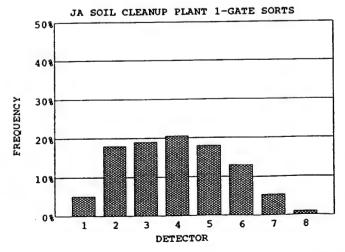
SORTE	D 2							Apr-94	
OKIE		RTER SOIL D	ENSITY	1.20 tons/	m³	ВА	CKGROUND	0.79	
TOTI	30	K TEK SOIL D			CONTAMI	NATED	CLEAN		ΓAL
SOIL	• ee mom •	•			80.2 to	ns	11.0 tons	91.2	tons
	ASS TOTA AXIMUM/				58.1 kg	3	55.9 kg		
	INIMUM/S				0.7 kg	}	44.0 kg	72.2	
		-GROUND			63.6 yo		8.7 yd <sup>3</sup>	12.3	3 yd³
1307	FIGHTRE	COVERY (CL	EAN/(HOT-	(LEAN)		12.1%			
ACTIV							DISPERSED	+ PARTICLE	_
ACIIVI	11 1				PARTI	T.E	HOT	CLEA	
- m	om a T				182,148 k	Bq	128,986 kBq	•	) kBq
	OTAL AXIMUM/	SORT			9,465 k	Bq	7,370 kBq		kBq
	INIMUM/S				2 k	Bq	(6,338)Bq		) kBq 3 Bq/kg
	ECIFIC A						1,608 Bq/kg	110	bq/kg
SORTS									DATICE
		OCESS PERIO	DS				1,632		P PAUSE TIME
20	-SEC PK	L 80 ELEMEN	TS SORT (N	1D>0&MNI	)=0)	1,423		TIME	
	110	AD-OR	MD=0.8 M	ND>0)		75		08:39 12:3	
	50	ME(AD>0&0	<md<mni< td=""><td>)max&amp;MND</td><td><mndmax)< td=""><td>134</td><td></td><td>12:3</td><td>08:36</td></mndmax)<></td></md<mni<>	)max&MND	<mndmax)< td=""><td>134</td><td></td><td>12:3</td><td>08:36</td></mndmax)<>	134		12:3	08:36
	III	VEXPLAINED	RECORDS		U				09:57
	01	0<	AD<1kBq &	MD>0	0				10:41
			=0 & MD>		0				11:15
			<0 & MD >		1		16 220		12:26
2-	-SEC COL	INT PERIODS				0.420	16,320		14:23
-	2-	SEC RECORI	OS WITH SO	RTS		8,139			
	2-	SEC RECORI	OS WITHOU	TSORTS		8,181	9,771		
T	OTAL PRO	OCESS RECOR	RDS (2-s SO	RTS and 20	-s PERIODS		9,771		
N	ONPROC	ESSING RECO	RDS (Test, c	alibration, et	c)		,		
2.	-SEC SOR	TDETECTOR	RS			DET	28	0.3%	
		DEL	5,522	67.8%		DET	0	0.0%	
		DET	1,998	24.5% 6.1%		DET	2	0.0%	
		DET	493 98	1.2%		DET	0	0.0%	
	41	DET			5.9 s				
A	VERAGE	TIME BETWE	DI TTION	C					
		DISTRI	BUTION	MIM	SPEC_A	FREO%	ACT_P	NUM	FREQ%
1-GATE			ACT_ND	NUM (#)	(Bq/kg)	I NDQ /	(kBq)	(#)	
DET	SORTS	FREQ%	(Bq)	(#) 4	-250	1.8%	4	1,265	15.5%
1	209	5.1%	-14000	6	-215	2.8%	8	3,685	45.3%
2	738	18.0%	-12000 -10000	17	-179	7.8%	12	1,124	13.8%
3	777	19.0%	-10000 -8000	22	-143	10.1%	16	589	7.2%
4	838	20.5% 18.0%	-6000	15	-107	6.9%	20	335	4.1%
5	736 531	13.0%	-4000	10	-72	4.6%	24	206	2.5%
6 7	531 220	5.4%	-2000	3	-36	1.4%	28	161	2.0%
,	40	1.0%	0	3	0	1.4%	32	102	1.3% 1.0%
TOTAT	4,089	1.070	2000	4	36	1.8%	36	85	0.8%
TOTAL	4,003		4000	2	72	0.9%	40	69	0.5%
2-GATE	SORTS		6000	4	107	1.8%	44	44	0.7%
	SORTS	FREQ%	8000	4	143	1.8%	48	60 37	0.7%
9	500	12.3%	10000	13	179	6.0%	52	38	0.5%
10	811	20.0%	12000	21	215	9.6%	56	36 24	0.3%
11	844	20.8%	14000	19	250	8.7%	60	23	0.3%
12	817	20.2%	16000	21	286	9.6%	64	29	0.4%
13	645	15.9%	18000	21	322	9.6%	68	14	0.2%
14	331	8.2%	20000	16	358	7.3%	72 76	14	0.2%
15	102	2.5%	22000	13	394	6.0%	80	13	0.2%
TOTAL	4,050		24000	0	429	0.0% 0.0%	84	9	0.1%
			26000	0	465		>84	213_	2.6%
			>28000	0	0	0.0%	TOTAL	8,139	
			TOTAL	218				,	
I	YPES	HPE	7,525	MPE_	9,502	DISE	97,796		

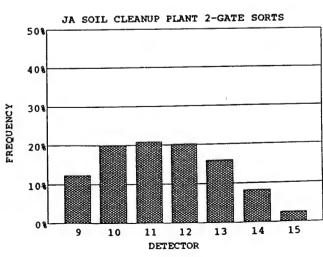
FREQUENCY

FREQUENCY





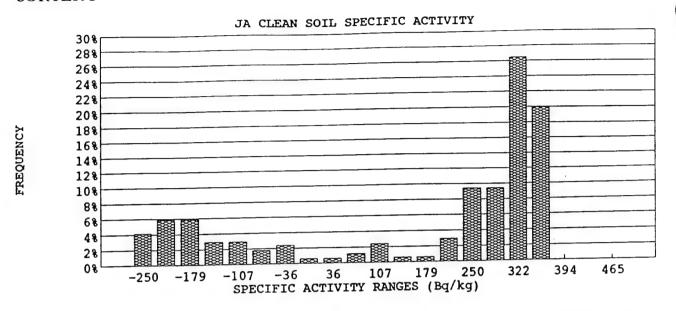


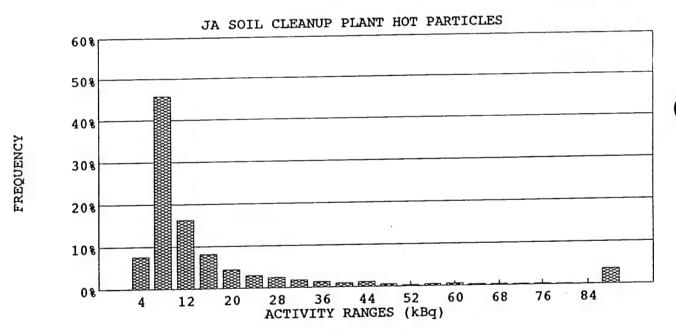


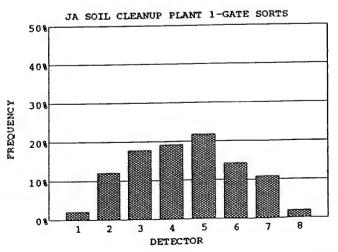
WORK HISTORY - J	A SOIL CLEANUP PLANT	20-Apr-94

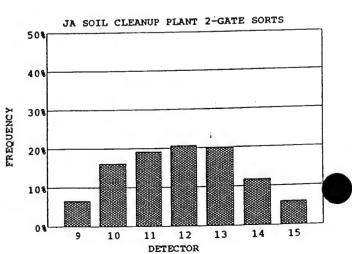
WORK DAY START LUNCH START	06:00 AM 11:00 AM		WORK DAY EN TIME LOST DU	ID RING LUNCH	16:30 PM 0.0 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL (sorter hours)
WORK WOLDS		10.5 hr	10.5 hr	10.5 hr	10.5 hr	42.0 hr
WORK HOURS	DC	10.3 hr	10.3 hr	0.0 hr	0.0 hr	20.5 hr
SORTER AVAILABLE HOU	KS	06:10	06:10	NA	NA	
SORTER START-UP		06:28	06:28	NA	NA	
START SOIL PROCESSING TIME REQUIRED TO STAR	T_IIP	0.3 hr	0.3 hr	0.0 hr	0.0 hr	0.6 hr
	1-01	16:25	16:25	NA	NA	
SORTER SHUT-DOWN		16:08	16:06	NA	NA	
END SOIL PROCESSING	CDOWN	0.3 hr	0.3 hr	0.0 hr	0.0 hr	0.6 hr
TIME REQUIRED TO SHUT		9.3 hr	9.3 hr	0.0 hr	0.0 hr	18.6 hr
ACTUAL PROCESS HOURS	)	1.0 hr	0.9 hr	0.0 hr	0.0 hr	1.9 hr
DOWN-TIME		0.3 hr	0.3 hr	0.0 hr	0.0 hr	0.6 hr
SYSTEM PAUSE SORTER NONAVAILABLE	TIME	0.2 hr	0.2 hr	10.0 hr	10.0 hr	20.5 hr
AUTHORIZED DELAY TIM		0.0 hr	0.0 hr	10.0 hr	10.0 hr	20.0 hr
PLANT PERFORMANCE	i.L					90.8%
PRODUCTIVTY						44.3%
PRODUCTIVITY						
_		20-Apr-94	Exc	used Delays for o	iay (sorter-hrs)	20 hr
Date		183	Exc	used delays for c	ontract (sorter-hrs)	3,090 hr
Contract day (from 6 Sep) Current Contract week		31		used delay days (		77 days
Current Contract week			Exc	used delay mont	hs (plant-month)	2.97 months
Soil production for Day		187 M7	Γ			
Cumlative Soil Production for	Week	557 M7		cent of contract of		40.6%
Total Soil production for cont				ns Ahead or Behi		1,756 MT
Since 6 Sep		39,043 MT	Γ Da	ys ahead or behir	id schedule	6 days
Since 6 Au		40,634 M				
Total Soil production for proje	-	66,921 M				
Total Soil production for proj						

SORT	ER 1							Apr-94	<i>cm</i>
		RTER SOIL I	DENSITY	1.20 ton			CKGROUND		$.67 \pm 0.02$
SOIL					CONTAM	INATED	CLEAN		OTAL
	MASS TOTA	J.			85.2	tons	8.2 tons	9.	3.5 tons
-	MAXIMUM				58.1	kg	55.9 kg		
_	MINIMUM/				0.7	kg	43.3 kg		
		-GROUND			67.6	yd³	6.5 yd <sup>3</sup>	7	4.1 yd³
		COVERY (C	LEAN/(HOT	+CLEAN))		8.8%		- Am	
ACTIV							DISPERSE	) + PARTICLE	3
CII	11.1				PART	ICLE	нот	CLE	AN
	DOTE A T				103,998	kBa	90,729 kBq	1,6	52 kBq
	TOTAL	<b>KODT</b>			3,394	•	2,027 kBq		20 kBq
_	MAXIMUM/ MINIMUM/					kBq	(18,669)Bq	_	17 kBq
	SPECIFIC A						1,064 Bq/kg	2	01 Bq/kg
		CHVIII							
SORT							1,672	UNE	EXP PAUSE
2	20-SEC PR	OCESS PERIO	ODS		m	1.510	1,072	TIM	
		L 80 ELEME			(ט=ת	1,519			:25 07:29
	N	ONE (AD=0 &	k MD=0 & M	IND>0)		34		12	07:34
					O <mndmax)< td=""><td>119</td><td></td><td></td><td>09:34</td></mndmax)<>	119			09:34
	ហ	VEXPLAINE			0				12:21
			AD<1kBq &		0				15:28
			D=0 & MD>		0				15:31
			D<0 & MD >	>U	1		16,720		
2		INT PERIOD		ND TYC		4,333	10,720		
		SEC RECOR				12.387			
_	2-	SEC RECOR	DDC(2 - SC	DTS and 20	- C DEDIONS	•	6,005		
	TOTAL PRO	CESS RECO	RDS (2-s SC	JK 15 and 20	-s PERIODS	')	17		
		ESSING REC		canoration, c	w)		1,		
2		TDETECTO	2 020	67.57%		5 DET	19	0.44%	
		DET		24.81%		6 DET	0	0.00%	
		DET	261	6.02%		7 DET	ī	0.02%	
		DET	50	1.15%		8 DET	0	0.00%	
		DET TIME BETW			11.4	- "			
	•	' DISTRI			CDEC A	EDEO#	ACT_P	NUM	FREQ%
	ESORTS		ACT_ND	NUM	SPEC_A	FREQ76	·(kBq)	(#)	
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	4.1%	·(KDQ)	332	7.7%
1	47	2.1%	-14000	7	-250		8	1,983	45.8%
2	268	12.1%	-12000	10	-215	5.9% 5.9%	12	704	16.2%
3	396	17.9%	-10000	10	-179	3.9% 2.9%	12 16	353	8.1%
4	425	19.2%	-8000	5	-143	2.9%	20	195	4.5%
5	482	21.8%	-6000	5	-107	1.8%	24	132	3.0%
6	316	14.3%	-4000	3	-72 -36	2.4%	28	108	2.5%
7	240	10.8%	-2000	4	-36 0	0.6%	32	77	1.8%
8.	42	1.9%	2000	1	36	0.6%	36	56	1.3%
TATO	2,216		2000	1 2	72	1.2%	40	41	0.9%
:-			4000	4	107	2.4%	44	52	1.2%
	ESORTS	ED EOW	6000 8000	1	143	0.6%	48	23	0.5%
	SORTS	FREQ%	10000	1	179	0.6%	52	15	0.3%
9	139	6.6%	12000	5	215	2.9%	56	20	0.5%
10	342	16.2% 19.2%	14000	16	250	9.4%	60	24	0.6%
11	406	19.2% 20.6%	16000	16	286	9.4%	64	14	0.3%
12	437		18000	45	322	26.5%	68	15	0.3%
13	420	19.8%			358	20.0%	72	12	0.3%
14	247	11.7%	20000	34		0.0%	76	11	0.3%
15	126	6.0%	22000	0	394			6	0.1%
TOTAL	2,117	•	24000	0	429	0.0%	80		0.1%
			26000	0	465	0.0%	84	4	
			>28000	0	0	0.0%	>84	156	3.6%
			TOTAL	170			TOTAL	4,333	
			4,068	MPE	9,119	DISE	108,793		

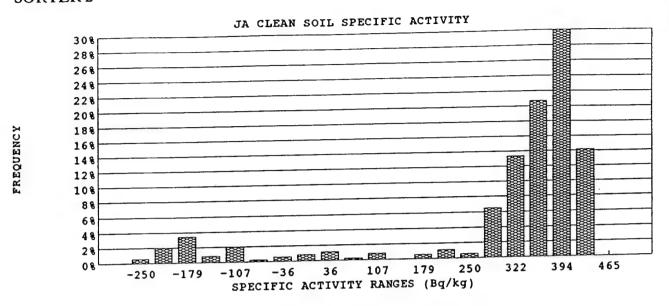


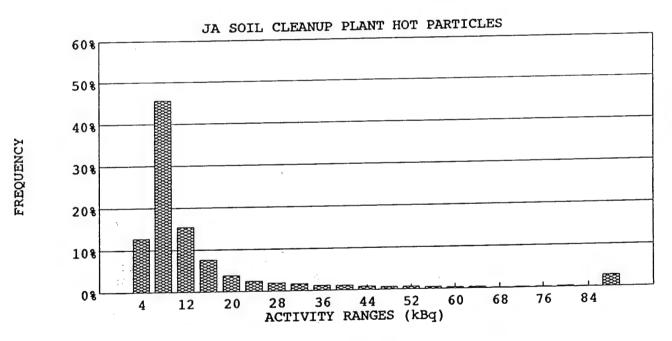


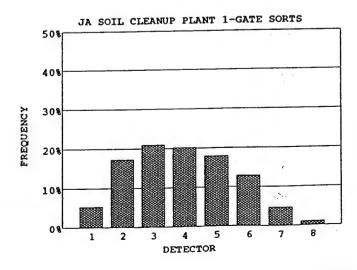


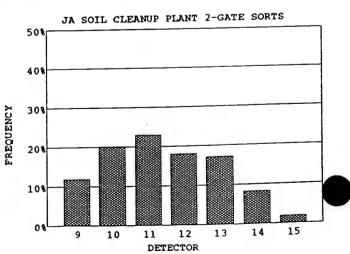


SORT	ER 2						20-	Apr-94		
JOKI		RTER SOIL	DENSITY	1.20 to	ıs/m³	BA	ACKGROUND	0.	76 ±	0.03 c
SOIL					CONTAM	INATED	CLEAN	T	OTA	L
	MASS TOTA	AT.			75.4	ons	18.4 tons	9:	3.8 to	ons
	MAXIMUM				58.1	kg	55.9 kg			
	MINIMUM/				0.7	kg	47.5 kg			
		N-GROUND			59.8	yd³	14.6 yd³	7-	4.4 y	d³
		ECOVERY (C		(+CLEAN)	)	19.6%				
ACTIV							DISPERSE	+ PARTICLE	3	
ACII	V 1.1 1				PART	ICLE	HOT	CLE	AN	
	TOTAL				88,127	k <b>B</b> q	78,202 kBq	5,8	17 k	Вq
	MAXIMUM	SORT			3,569	•	2,084 kBq		23 k	:Bq
	MINIMUM/				2	kBq	(6,238)Bq		18 k	_
	SPECIFIC A						1,037 Bq/kg	3	16 E	g/kg
SORT										
		OCESS PERIO	วกร				1,678	UNE	ΧP	<b>PAUSE</b>
•		L 80 ELEME	NTS SORT	MD>0&MI	(0=D)	1,339		ПМ	E	TIME
		ONE (AD=0 &			,	87		12		07:29
	SC	ME(AD>0&	0 <md<mn< td=""><td>Dmax&amp;MN</td><td>D<mndmax)< td=""><td>252</td><td></td><td>13</td><td>:07</td><td>07:34</td></mndmax)<></td></md<mn<>	Dmax&MN	D <mndmax)< td=""><td>252</td><td></td><td>13</td><td>:07</td><td>07:34</td></mndmax)<>	252		13	:07	07:34
		NEXPLAINE			o´					09:34
			AD<1kBq &		1					12:21
			D=0 & MD>		0					15:31
		A	D<0 & MD :	>0	1					
:		INT PERIOD					16,780			
		SEC RECOR				4,622				
	2-	-SEC RECOR	DS WITHO	JT SORTS		12,158				
•	TOTAL PRO	CESS RECO	RDS (2-s SC	ORTS and 20	)-s PERIODS	)	6,300			
		ESSING REC		calibration,	etc)		14			
:	2-SEC SOR	TDETECTO				< P. P. C.	10	0.22%		
	11	DET		69.84%		5 DET	10 0	0.22%		
		DET		23.69%		6 DET	0	0.00%		
		DET	242	5.24%		7 DET	0	0.00%		
		DET	47	1.02%		8 DET	U	0.0070		
		TIME BETW			10.4	sec				
FREQ	UENCY	DISTRI					. cm n	NU DA		FREQ%
1-GAT	<b>ESORTS</b>		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#) 587		12.7%
1	121	5.3%	-14000	2	-250	0.6%	4			45.6%
2	398	17.3%	-12000	7	-215	2.0%	8	2,108 712		15.4%
3	482	20.9%	-10000	12	-179	3.4%	12 16	350		7.6%
4	465	20.2%	-8000	3	-143	0.8% 2.0%	20	175		3.8%
5	412	17.9%	-6000	7	-107 -72	0.3%	24	111		2.4%
6	295	12.8%	-4000 -2000	1 2	-72 -36	0.6%	28	85		1.8%
7	105	4.6%	-2000 0	3	-30	0.8%	32	75		1.6%
8 DOTAI	24	1.0%	2000	4	36	1.1%	36	55		1.2%
POTAL	2,302		4000	1	72	0.3%	40	51		1.1%
2-GAT	ESORTS		6000	3	107	0.8%	44	37		0.8%
DET	SORTS	FREQ%	8000	0	143	0.0%	48	30		0.6%
9	275	11.9%	10000	2	179	0.6%	52	29		0.6%
10	466	20.1%	12000	4	215	1.1%	56	24		0.5%
11	532	22.9%	14000	2	250	0.6%	60	14		0.3%
12	417	18.0%	16000	23	286	6.5%	64	14		0.3%
13	396	17.1%	18000	47	322	13.3%	68	6		0.1%
14	191	8.2%	20000	73	358	20.7%	72	8		0.2%
15	43	1.9%	22000	107	394	30.3%	76	9		0.2%
TOTAL	2,320	,-	24000	50	429	14.2%	80	11		0.2%
	_,,,		26000	0	465	0.0%	84	6		0.1%
			>28000	0_	0	0.0%	>84	125		2.7%
			TOTAL	353			TOTAL	4,622		
							98,743			



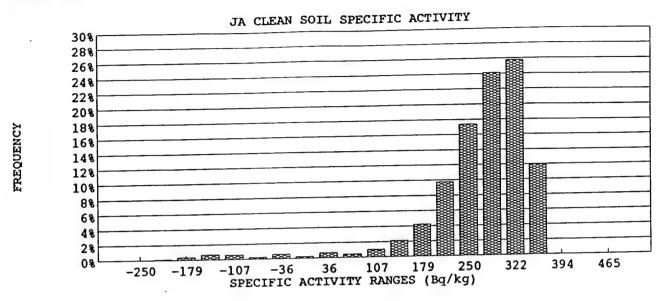


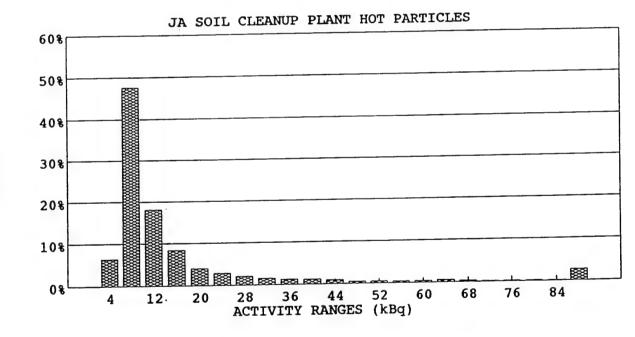


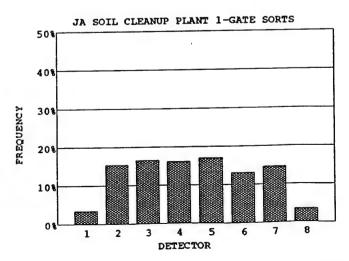


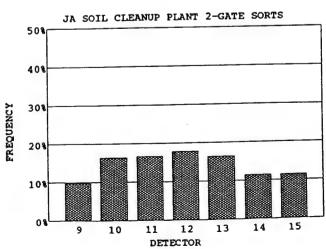
WORK DAY START	06:00 AM		WORK DAY	END	16:30 PM	
LUNCH START	11:00 AM		TIME LOST	DURING LUNC	H 0.0 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL
						(sorter hours)
WORK HOURS		10.5 hr	10.5 h	r 10.5 hr	10.5 hr	42.0 hr
SORTER AVAILABLE HOURS	;	10.1 hr	10.1 h	r 0.0 hr	0.0 hr	20.2 hr
SORTER START-UP		06:15	06:15	NA	NA	
START SOIL PROCESSING		06:33	06:33	NA	NA	
TIME REQUIRED TO START-	-UP	0.3 hr	0.3 h	r 0.0 hr	0.0 hr	0.6 hr
SORTER SHUT-DOWN		16:20	16:20	NA	NA	
END SOIL PROCESSING		16:07	16:05	NA	NA	
TIME REQUIRED TO SHUT D	OWN	0.2 hr	0.2 h	r 0.0 hr	0.0 hr	0.5 hr
ACTUAL PROCESS HOURS		9.4 hr	9.3 h	r 0.0 hr	0.0 hr	18.7 hr
DOWN-TIME		0.7 hr	0.8 h	r 0.0 hr	0.0 hr	1.4 hr
SYSTEM PAUSE		0.2 hr	0.2 h	r 0.0 hr	0.0 hr	0.4 hr
SORTER NONAVAILABLE TIL	ME	0.4 hr	0.4 h	r 10.0 hr	10.0 hr	20.8 hr
AUTHORIZED DELAY TIME		0.0 hr	0.0 h	r 10.0 hr	10.0 hr	20.0 hr
PLANT PERFORMANCE						92.8%
PRODUCTIVTY						44.6%
PRODUCTIVITY						
						20 hr
Date	7	21-Apr-94		_	day (sorter-hrs)	20 nr 3,110 hr
Contract day (from 6 Sep)		184			contract (sorter-hrs)	
Current Contract week		31		xcused delay days		78 days 2.99 months
				excused delay mon	ths (plant-month)	2.99 months
Soil production for Day		188 M7				40.8%
Cumlative Soil Production for We	ek	746 M7		ercent of contract	-	
Total Soil production for contract			_	ons Ahead or Bel		1,786 MT
Since 6 Sep 93		39,232 MT		ays ahead or beh	ind schedule	6 days
Since 6 Aug 93	3	40,823 MT				
Total Soil production for project		67,110 M	Γ			

SORTI	ER 1						21-	Apr-94	
		ORTER SOIL	DENSITY	1.20 ton	ıs/m³	BA	ACKGROUND		$67 \pm 0.02  \text{c}$
SOIL		<u> </u>	D		CONTAM	INATED	CLEAN	TC	OTAL
	MASS TOTAL				45.9 t	ons	48.5 tons 94.5 ton		5 tons
MASS TOTAL  MAXIMUM/SORT					55.9 1	cg	55.9 kg		
MAXIMUM/SORT				0.7	_	44.0 kg			
VOLUME IN – GROUND				36.4 y	rd <sup>3</sup>	38.5 yd <sup>3</sup>	74	1.9 yd3	
v	VEIGHTR	ECOVERY (	LEAN/(HO)	(+CLEAN)	· · · · · · · · · · · · · · · · · · ·	51.4%			
ACTIV		200.12.11	- · · ·				DISPERSE	) + PARTICLE	
ACIIV	111				PART	ICLE	HOT	CLE	AN
moma I				61,798		48,337 kBq	12,665 kBq		
TOTAL MAXIMUM/SORT				1,616 1	•	1,143 kBq		20 kBq	
					cВq	0 Bq	-14 kBq		
MINIMUM/SORT SPECIFIC ACTIVITY						•	1,052 Bq/kg	261 Bq/kg	
		CHVIII							
SORTS			one				1,690	UNE	XP PAUSE
2	0-SEC PR	OCESS PERI	ODS	MD~00.141	m=0)	787	-40.0	ΤΙΜ	Е ТІМЕ
		LL 80 ELEME			10-0)	116		None	13:36
	N	ONE (AD=0	& MD=0 & N	IND>0)	D~MNDma*\	787			15:17
	S	OME(AD>08	W <md<mn< td=""><td>Umax&amp;MN</td><td>D<mndmax) 0</mndmax) </td><td>707</td><td></td><td></td><td></td></md<mn<>	Umax&MN	D <mndmax) 0</mndmax) 	707			
	U	NEXPLAINE			0				
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			D<0 & MD >		0				
	000.00			-0	ŭ		16,900		
2		UNT PERIOD -SEC RECOP		2T SC		3,439			
	2.	-SEC RECOR	OHTIW 201	TT SORTS		13,461			
7	COTAL DD	OCESS RECOR	ORDS (2-s S(	ORTS and 20	-s PERIODS	)	5,129		
,	IO MEDIOC	ESSING REC	ORDS (Test.)	calibration, e	tc)	,	1		
2		RT DETECTO	RS	•====,	,				
2		DET	2,506	72.87%	:	DET	7	0.20%	
	2 DET 745 21.66%				6 DET	0	0.00%		
3 DET			155	4.51%	•	7 DET	0	0.00%	
		DET	26	0.76%		8 DET	0	0.00%	
A		TIMEBETW	EEN 2-SEC	SORTS	13.5	sec			
FREO	TIENC	Y DISTRI	BUTION	1S					
1-GATI		Diolica	ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM	FREQ%
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)	
1	61	3.5%	-14000	Ò	-250	0.0%	4	220	6.4%
2	272	15.4%	-12000	1	-215	0.1%	8	1,637	47.6%
3	293	16.6%	-10000	3	-179	0.3%	12	621	18.1%
4	286	16.2%	-8000	6	-143	0.7%	16	290	8.4%
5	301	17.1%	-6000	5	-107	0.6%	20	139	4.0%
6	231	13.1%	-4000	2	-72	0.2%	24	97	2.8%
7	259	14.7%	-2000	5	-36	0.6%	28	71	2.1%
8	62	3.5%	0	2	0	0.2%	32	54	1.6%
TOTAL -	1,765		2000	6	36	0.7%	36 ·	43	1.3%
	•		4000	4	72	0.4%	40	39	1.1% 0.9%
2-GATI	ESORTS		6000	9	107	1.0%	44	32	0.5%
DET	SORTS	FREQ%	8000	19	143	2.1%	48	16 15	0.4%
9	164	9.8%	10000	38	179	4.2%	52	13	0.4%
10	275	16.4%	12000	88	215	9.7%	56	14	0.4%
11	278	16.6%	14000	157	250	17.4%	60	18	0.5%
12	299	17.9%	16000	218	286	24.1%	64	10	0.3%
13	274	16.4%	18000	233	322	25.8%	68	7	0.2%
14	192	11.5%	20000	108	358	11.9%	72	5	0.1%
15	192	11.5%	22000	0	394	0.0%	76		0.1%
TOTAL	1,674		24000	0	429	0.0%	80	5	0.1%
	-		26000	0	465	0.0%	84	2	
			>28000	0	0	0.0%	>84	90	2.6%
			TOTAL	904			TOTAL	3,439	
	YPES _	HPE	3,383	MPE	4,500	DISE	57,872		

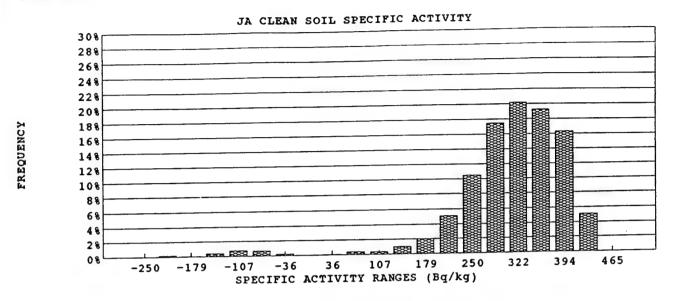


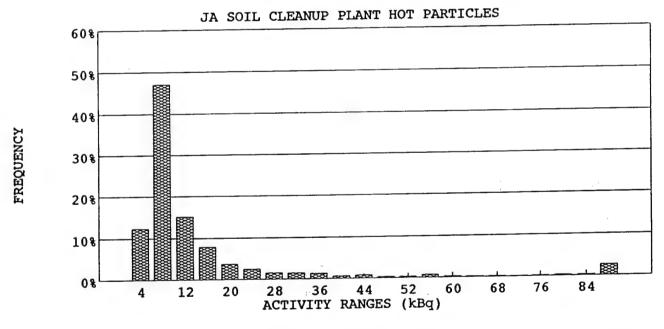


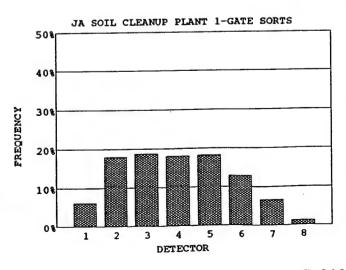


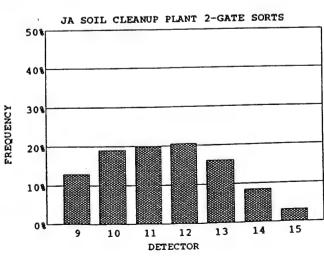


							21	-Apr-94		
SORT			DEMONT	1.20 to	na/m³		BACKGROUND	-дрі- У	0.76	± 0.02 c
COIL	S	ORTER SOIL	DENSITY	1.20 11	CONTAM	ONATED			TOTA	AL.
SOIL					30.9		63.0 tons		93.9 1	ions
	MASS TOT				55.9		55.9 kg			
	MAXIMUN				0.7	_	46.8 kg			
	MINIMUM	/SORT IN-GROUND			24.5	•	50.0 yd3		74.4 y	∕d³
		ECOVERY (		T±CI FAN		67.1%			•	
		ECOVERT (C	LEAN/(HO	ITCLIAN	<i>D</i>	0,112,10		ED + PART	ICLE	
ACII	VITY				DADS.	707.5	нот		CLEAN	
					PART		38,431 kBq		19,113	rBa
	TOTAL				60,648 1,379		783 kBq		23 1	_
	MAXIMUN						0 Bq		-13	-
	MINIMUM				2	kBq	1,245 Bq/kg	,		Bq/kg
	SPECIFIC	ACTIVITY					1,245 Dq/kg	·		
SORT									IDICVD	DATICE
	20-SEC PR	OCESS PERI	ODS			_	1,680			PAUSE TIME
	Α	LL 80 ELEME	NTS SORT (	MD>0&M	ND=0)	517			TIME	
	N	ONE (AD=0	& MD=0 & N	(ND>0)		263			10:47	13:36 15:17
	S	OME (AD>08	20 <md<mn< td=""><td>IDmax&amp;MN</td><td>ND<mndmax)< td=""><td>900</td><td></td><td></td><td>15:14</td><td>13:17</td></mndmax)<></td></md<mn<>	IDmax&MN	ND <mndmax)< td=""><td>900</td><td></td><td></td><td>15:14</td><td>13:17</td></mndmax)<>	900			15:14	13:17
	U	NEXPLAINE			0					
		0-	<ad<1kbq< td=""><td>&amp; MD&gt;0</td><td>2</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq<>	& MD>0	2					
		Α	D=0 & MD>	•0	0					
			D<0 & MD :	>0	0					
		UNT PERIOD					16,800			
		-SEC RECOR				3,373				
	2	-SEC RECOR	DS WITHOU	UT SORTS		13,427				
	TOTAL PR	OCESS RECO	RDS (2-s SC	ORTS and 2	0-s PERIODS	5)	5,053			
	NONPROC	ESSING REC	ORDS (Test,	calibration,	etc)		5			
	2-SEC SOI	RTDETECTO				4 p. r.w	10	0.30%		
		DET	2,396	71.03%		5 DET	10	0.00%		
	2	DET	759	22.50%		6 DET	0	0.00%		
	3	DET	176	5.22%		7 DET	0	0.00%		
		DET	32	0.95%		8 DET	U	0.00%		
		TIME BETW			14.0	sec				
FREC	<b>UENC</b>	Y DISTRI	BUTION	4S						
1-GAT	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%		NUM		FREQ%
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1	104	6.1%	-14000	0	-250	0.0%	4	416		12.3%
2	306	18.0%	-12000	2	-215	0.2%	•	1,589		47.1%
3	320	18.8%	-10000	1	-179	0.1%		510		15.1%
4	308	18.1%	-8000	5	-143		16	268		7.9%
5	· 311	18.3%	-6000	9	-107	0.8%		127		3.8%
6	219	12.9%	-4000	8	-72	0.7%	24	84		2.5%
7	113	6.6%	-2000	3	-36	0.3%		53		1.6% 1.5%
8	22	1.3%	0	0	0	0.0%		51		1.3%
TOTAL	1,703		2000	i	36	0.1%	36	45		0.7%
			4000	5	72	0.4%	40	22		0.1%
2-GAT	ESORTS		6000	4	107	0.3%		26		0.8%
DET	SORTS	FREQ%	8000	12	143	1.0%		12		0.4%
9	216	12.9%	10000	23	179	2.0%	52	12 23		0.4%
• 10	318	19.0%	12000	59	215	5.1%	56			0.7%
11	332	19.9%	14000	122	250	10.4%	60	9		0.3%
12	343	20.5%	16000	204	286	17.5%	64	5		0.1%
13	268	16.0%	18000	236	322	20.2%	68	6		
14	142	8.5%	20000	225	358	19.3%		4		0.1%
15	51	3.1%	22000	190	394	16.3%	76	6		0.2%
TOTAL	1,670		24000	59	429	5.1%	80	8		0.2%
. (25)			26000	0	465	0.0%	84	10		0.3%
λ.			>28000	0	0	0.0%	>84	87	-	2.6%
			TOTAL	1,168			TOTAL	3,373		
	TYPES	HPE	3,331	MPE	2,170	DISE	38,667			









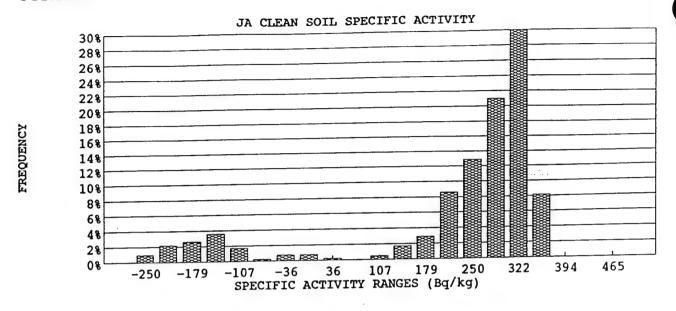
## WORK HISTORY - JA SOIL CLEANUP PLANT

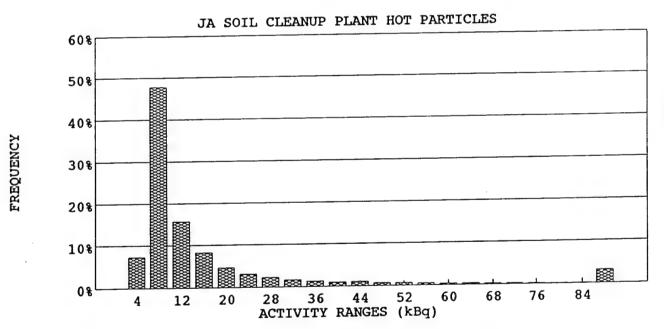
22-Apr-94

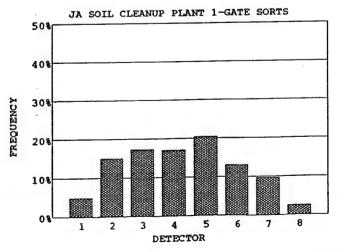
WORK DAY START	06:00 AM		WORK DAY I	END	16:30 PM	
LUNCH START	11:00 AM		TIME LOST D	URING LUNCH	0.5 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL
		bon in	00111111			(sorter hours)
WORK HOURS		10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
SORTER AVAILABLE HO	URS	9.6 hr	9.6 hr	0.0 hr	0.0 hr	19.2 hr
SORTER START-UP		06:15	06:15	NA	NA	
START SOIL PROCESSING	}	06:36	06:36	NA	NA	
TIME REQUIRED TO STA		0.4 hr	0.4 hr	0.0 hr	0.0 hr	0.7 hr
SORTER SHUT-DOWN		16:20	16:20	NA	NA	
END SOIL PROCESSING		16:05	16:04	NA	NA	
TIME REQUIRED TO SHU	T DOWN	0.2 hr	0.3 hr	0.0 hr	0.0 hr	0.5 hr
ACTUAL PROCESS HOUR		8.2 hr	8.1 hr	0.0 hr	0.0 hr	16.3 hr
DOWN-TIME		1.4 hr	1.4 hr	0.0 hr	0.0 hr	2.8 hr
SYSTEM PAUSE		1.2 hr	1.2 hr	0.0 hr	0.0 hr	2.4 hr
SORTER NONAVAILABLE	ЕТІМЕ	0.4 hr	0.4 hr	10.0 hr	10.0 hr	20.8 hr
AUTHORIZED DELAY TI		0.0 hr	0.0 hr	10.0 hr	10.0 hr	20.0 hr
PLANT PERFORMANCE					•	85.2%
PRODUCTIVTY						40.8%
PRODUCTIVITY						
Date	2	2-Apr-94	Exc	cused Delays for d	ay (sorter-hrs)	20 hr
Contract day (from 6 Sep)		185	Exc	cused delays for co	ontract (sorter-hrs)	3,130 hr
Current Contract week		31	Exc	cused delay days (	plant-days)	78 days
			Ex	cused delay month	s (plant-month)	3.01 months
Soil production for Day		164 MT	•			
Cumlative Soil Production for	Week	910 MT	Per	reent of contract of	ompleted	41.0%
Total Soil production for cont	ract		То	ns Ahead or Behir	nd Schedule	1,792 MT
Since 6 Sep	93	39,396 MT	Da	ys ahead or behind	i schedule	6 days
Since 6 Au	g 93	40,987 MT	,			
Total Soil production for proje	ect	67,274 MT	•			

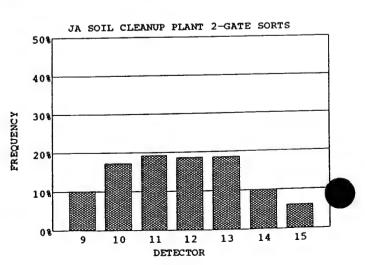
File Report1 Printed on 23-Apr-94 at 09:22:25 AM

							22_	-Apr-94		
SORTI		anden con i	DENCITY	1.20 ton	s/m³	В.	ACKGROUND	דל וקרז	0.66 ±	0.04 c/s
SOIL	SC	ORTER SOIL	DENSITI	1.20 ton	CONTAM		CLEAN		TOTAL	L
		. •			61.4 1		20.9 tons		82.3 to	ns
	ASS TOTA				58.1		55.9 kg			
	AAXIMUM/ AINIMUM/				0.7 1	-	44.7 kg			
		N-GROUND			48.7 y	_	16.6 yd <sup>3</sup>		65.2 yd	13
v	VEIGHT R	ECOVERY (C	LEAN/(HO)	+CLEAN))		25.4%				
ACTIV		Dec v Divi (e					DISPERSE	ED + PARTI	CLE	
ACIIV	11 1				PART	ICLE	НОТ	C	LEAN	
_	20074				93,266 1		75,608 kBq		5,195 kI	Bq
	OTAL LAXIMUM	KODT.			2,509 1	•	1,671 kBq		19 kI	Bq
	AAXIMUM AINIMUM/					kBq	(8,083)Bq	A	-19 kJ	Bq
_	PECIFIC A				_		1,231 Bq/kg		249 B	q/kg
SORT		CHILL								
		OCCC DEDI	one				1,472	Ţ	JNEXP	PAUSE
2	U-SEC PR	OCESS PERIO	ሪሀሪ እፕኖ የሰክ <i>ተ</i> /	MD>0&MN	D=0	1,079	-•	•	ПМЕ	TIME
		ONE (AD=0 &			,	48			11:46	10:08
	N	ONE(AD=0& OME(AD>0&	US MUSU W W M D = U & M	Dmax&MNI	D <mndmax\< td=""><td></td><td></td><td></td><td></td><td>10:52</td></mndmax\<>					10:52
	20	NEXPLAINE	D RECORDS	- umacontin	0					12:30
	U		AD<1kBq &		0					15:09
			D=0 & MD>		0					
			D<0 & MD >		1					
2	-SEC COL	UNTPERIOD					14,720			
•	2-	-SEC RECOR	DS WITH SO	ORTS		4,635				
	2-	-SEC RECOR	DS WITHOU	JT SORTS		10,085				
7	TOTAL PR	OCESS RECO	RDS (2-s SC	ORTS and 20	-s PERIODS	)	6,107			
ì	NONPROC	ESSING REC	ORDS (Test,	calibration, e	tc)		26			
2	-SEC SOF	RT DETECTO	RS				40	0.39%		
	1	DET	3,257			5 DET	18	0.39%		
	2	DET	1,053			6 DET	0	0.06%		
	3	DET	256	5.52%		7 DET	3 0	0.00%		
		DET	51	1.10%		8 DET	U	0.0070		
	AVERAGE	TIME BETW	EEN 2-SEC	SORTS	9.0	sec				
		Y DISTRI			enna 4	ED EOW	ACT D	NUM		FREQ%
1-GAT	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P (kBq)	(#)		
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	1.0%	(KDQ) 4	340		7.3%
1	116	4.9%	-14000	4	-250		8	2,214		47.8%
2	357	15.0%	-12000	9	-215 -179	2.1% 2.6%	12	727		15.7%
3	412	17.3%	-10000	11	-1/9 -143	3.6%	16	382		8.2%
4	407	17.1%	-8000	15 7	-143 -107	1.7%	20	213		4.6%
5	487	20.5%	-6000 -4000	1	-107 -72	0.2%	24	143		3.1%
6	311	13.1%	-4000 -2000	3	-36	0.7%	28	102		2.2%
7 8	230 59	9.7% 2.5%	-2000 0	3	0	0.7%	32	75		1.6%
٠.	2,379	4.370	2000	1	36	0.2%	36	58		1.3%
TOTAL	لااح		4000	0	72	0.0%	40	42		0.9%
2-GAT	ESORTS		6000	2	107	0.5%	44	47		1.0%
	SORTS	FREQ%	8000	7	143	1.7%	48	30		0.6%
9	227	10.1%	10000	12	179	2.9%	52	28		0.6%
10	391	17.3%	12000	36	215	8.6%	56	21		0.5%
11	434	19.2%	14000	54	250	12.9%	60	16		0.3% 0.3%
12	421	18.7%	16000	88	286	21.0%	64	15		0.3%
13	421	18.7%	18000	132	322	31.5%	68	12		
14	225	10.0%	20000	34	358	8.1%	72	12		0.3%
15	137	6.1%	22000	0	394	0.0%	76	8		0.2%
TOTAL	2,256		24000	0	429		80	5		0.1%
			26000	0	465	0.0%	84	3		0.1%
	·		>28000	0	0	0.0%	>84	142		3.1%
			TOTAL	419			TOTAL	4,635		
	TYPES	HPE	4,397	MPE	8,568	DISE	74,899			

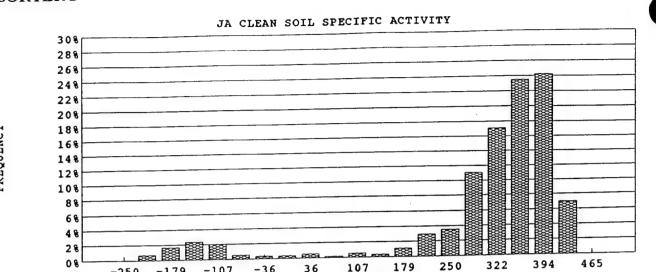








SORTE	ER 2							22-Apr-94	
		RTER SOIL I	DENSITY	1.20 ton	s/m³	B	ACKGROUNI		$75 \pm 0.04  \text{c/s}$
SOIL					CONTAM	NATED	CLEAN		TAL
	ASS TOTA	L			53.9 1	ons	28.1 to		.0 tons
	AXIMUM/				58.1 k	g	55.9 kg		
•	INIMUM/S				0.7 1	g	47.5 kg		
		-GROUND			42.7 y		22.3 yd	3 65	.0 yd³
w	FIGHTRE	COVERY (C	LEAN/(HOT	+CLEAN))		34.3%			
ACTIV							DISPE	RSED + PARTICLE	
ACIIV	11 1				PART	CLE	нот	CLEA	AN
	OTAT				56,353 1		53,254 kE	3q 8,91	l5 kBq
	OTAL	CORT			740 1	-	544 kE	-	23 kBq
	(AXIMUM/					cBq	(7,082)Bo	-1	l3 kBq
	INIMUM/S					- 1	989 B		l7 Bq/kg
	PECIFIC A	CHVIII							
SORTS							1,466	UNE	XP PAUSE
20	)-SEC PRO	CESS PERIO	DDS	(D. 001/2)	D0\	947	1,400	TIM	
	AI	L 80 ELEME	NIS SORT (	MD>U&MN	ח=ח)	129		11:	
	NC	NE (AD=0 &	MD=0 & M	ND>0)	) <   (   M) \	390		***	10:52
	so	ME(AD>0&	0 <md<mn< td=""><td>Dmax&amp;MNI</td><td>O<mndmax)< td=""><td>390</td><td></td><td></td><td>12:29</td></mndmax)<></td></md<mn<>	Dmax&MNI	O <mndmax)< td=""><td>390</td><td></td><td></td><td>12:29</td></mndmax)<>	390			12:29
	UN	IEXPLAINEL			0				15:09
			AD<1kBq &		0				
		-	D=0 & MD>		1				
		-	D<0'& MD >	U	1		14,660		
2		NT PERIODS		DTC		4,110	11,000		
		SEC RECOR				10,550			
0	2-	SEC RECOR	DS WITHOU	DE 20K 12	- DEDIODS	•	5 <i>5</i> 76		
Т	OTAL PRO	CESS RECO	RDS (2-s SC	or its and 20	-s PERIODS	,	26		
		ESSING RECO		cambration, c	w)		20		
2		T DETECTO		21 07M		5 DET	11	0.27%	
		DET	2,929	71.27%		6 DET	0	0.00%	
		DET	921	22.41%		DET	o	0.00%	
		DET	209	5.09% 0.97%		DET BDET	ō	0.00%	
		ET	40 CENA SEC		10.0		· ·		
A A	VERAGE	TIME BETWI	DI PTION	TC	10.0			3.77	
		DISTRI			anes :	ED E0.0	ACT_P	NUM	FREQ%
1-GATE			ACT_ND	NUM	SPEC_A	FREQ%	_	(#)	INDQ
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	0.00	(kBq)	551	13.4%
1	111	5.5%	-14000	0	-250	0.0%	4	1,942	47.3%
2	431	21.3%	-12000	4	-215	0.7%	8	599	14.6%
3	429	21.2%	-10000	9	-179	1.7%	12	326	7.9%
4	387	19.1%	-8000	13	-143	2.4%	16	191	4.6%
5	341	16.8%	6000	11	-107	2.0%	20	93	2.3%
6	173	8.5%	-4000	3	-72	0.6%	24	70	1.7%
7 ·	121	6.0%	-2000	2	-36	0.4%	28	70 51	1.2%
8 _	32	1.6%	0	2	0	0.4%	32	40	1.0%
TOTAL	2,025		2000	3	36	0.6%	36 40	38	0.9%
	·		4000	1	72	0.2%		24	0.6%
2-GATE			6000	3	107	0.6%	44	13	0.3%
DET .	SORTS	FREQ%	8000	2	143	0.4%	48 52	19	0.5%
9	289	13.9%	10000	6	179	1.1%	52 56	15	0.4%
10	477	22.9%	12000	16	215	2.9%	56 60	7	0.2%
11	436	20.9%	14000	19	250	3.5%	60 64	11	0.2%
12	413	19.8%	16000	60	286	11.0%	64 68	15	0.4%
13	272	13.0%	18000	93	322	17.1%	68 72	8	0.4%
14	122	5.9%	20000	128	358	23.5%	72 76	12	0.2%
15 _	76	3.6%	22000	132	394	24.2%	76	6	0.1%
TOTAL	2,085		24000	38	429	7.0%	80	7	0.1%
			26000	0	465	0.0%	84		1.8%
			>28000	0	0	0.0%	>84 _	72	1.070
			TOTAL	545			TOTAL	4,110	
			4,019	MPE	3,345	DISE	69,722		



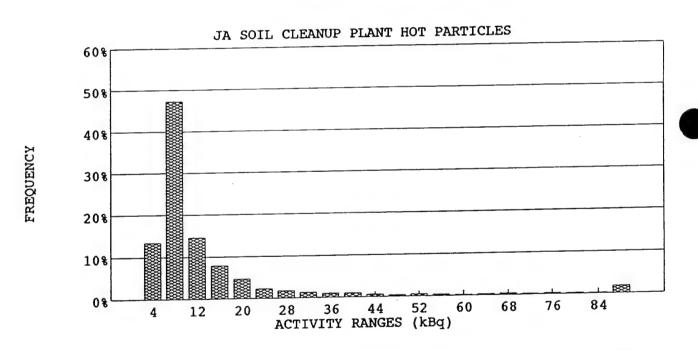
36

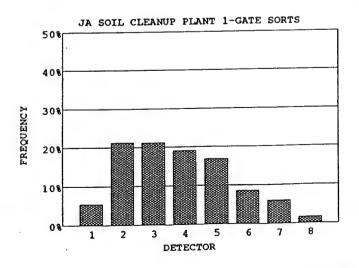
-36

179

107

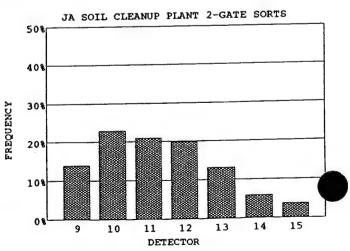
SPECIFIC ACTIVITY RANGES (Bq/kg)





-250

-179

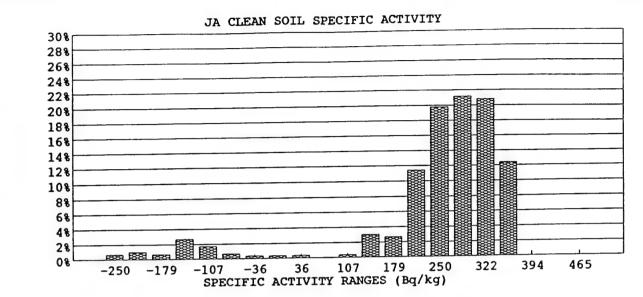


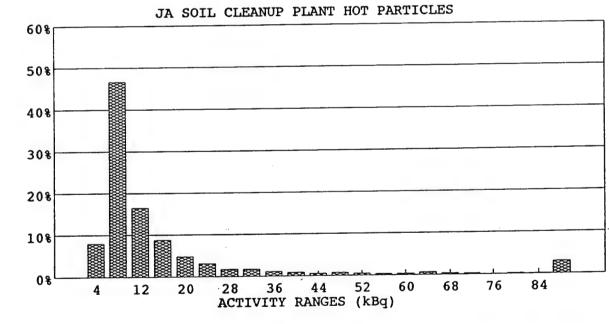
23-Apr-94

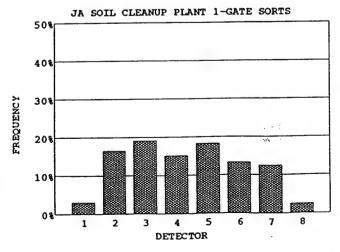
WORK DAY START	05:00 AM		WORK DAY I	END	15:30 PM	
LUNCH START	12:30 AM		TIME LOST D	URING LUNCH	0.5 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL
						(sorter hours)
WORK HOURS		10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
SORTER AVAILABLE HO	URS	7.3 hr	7.3 hr	0.0 hr	0.0 hr	14.7 hr
SORTER START-UP		05:05	05:05	NA	NA	
START SOIL PROCESSING	G	05:26	05:27	NA	NA	
TIME REQUIRED TO STA		0.4 hr	0.4 hr	0.0 hr	0.0 hr	0.7 hr
SORTER SHUT-DOWN		12:25	12:25	NA	NA	
END SOIL PROCESSING		12:07	12:08	NA	NA	
TIME REQUIRED TO SHI	TT DOWN	0.3 hr	0.3 hr	0.0 hr	0.0 hr	0.6 hr
ACTUAL PROCESS HOU		4.5 hr	4.5 hr	0.0 hr	0.0 hr	9.1 hr
DOWN-TIME	λο	2.8 hr	2.8 hr	0.0 hr	0.0 hr	5.6 hr
SYSTEM PAUSE		2.2 hr	2.2 hr	0.0 hr	0.0 hr	4.3 hr
SORTER NONAVAILABL	FTIME	2.7 hr	2.7 hr	10.0 hr	10.0 hr	25.3 hr
AUTHORIZED DELAY T		2.0 hr	2.0 hr	10.0 hr	10.0 hr	24.0 hr
PLANT PERFORMANCE						61.8%
PRODUCTIVTY						22.7%
PRODUCTIVITY						
Date		23-Apr-94		xcused Delays for o		24 hr
Contract day (from 6 Sep)		186	E	xcused delays for c	ontract (sorter-hrs)	3,154 hr
Current Contract week		31		xcused delay days (		79 days
			E	xcused delay monti	hs (plant-month)	3.03 month
Soil production for Day		91 M7	r			
Cumlative Soil Production for	or Week	1,001 M7	-	ercent of contract of	-	41.1%
Total Soil production for cor	ntract			ons Ahead or Behi		1,756 MT
Since 6 S		39,487 MT	r D	ays ahead or behin	d schedule	6 days
Since 6 A	-	41,078 MT	Γ			
Total Soil production for pro		67,365 MT	Γ			
•	-					

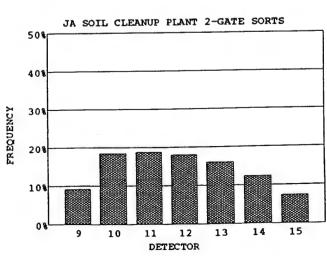
CODT	D 1						23-	Apr-94	
SORTE		RTER SOIL I	DENSITY	1.20 tons	s/m³	BA	CKGROUND	0.6	$65 \pm 0.03  \text{c/}$
TO	80	K LEK SOIL I	JENSII I		CONTAMI	NATED	CLEAN		TAL
SOIL		_			29.8 to		15.9 tons	45	.6 tons
	IASS TOTA				55.9 k		55.9 kg		
	(AXIMUM/ (INIMUM/S				0.7 k	_	48.9 kg		
		-GROUND			23.6 ye	d³	12.6 yd <sup>3</sup>	36	.2 yd <sup>3</sup>
v	CLUMEIN	COVERY (C	LEAN/(HOT	+CLEAN))		34.7%			
ACTIV		COTENT	- 1				DISPERSE	) + PARTICLE	
ACIIV	11 1				PARTI	Œ	HOT	CLEA	NN .
					40,250 k		35,100 kBq		01 kBq
	OTAL	CODT			1,104 k	•	671 kBq		20 kBq
	(AXIMUM/ (INIMUM/S				3 k		0 Bq		17 kBq
-	PECIFIC A						1,179 Bq/kg	2	10 Bq/kg
		CHVIII							
SORTS		ACTEC PERIO	one				816		XP PAUSE
2	U-SEC PRO	OCESS PERIO	NTS SORT (	MD>0&MN	D=0)	522		ТІМІ	
	Al	TOU ELEME	& MD=0 & M	(ND>0)	,	51		None	
	N	ME(VD~U8 ME(VD=08	O <md<mn< td=""><td>Dmax&amp;MNI</td><td>O<mndmax)< td=""><td>243</td><td></td><td></td><td>10:34</td></mndmax)<></td></md<mn<>	Dmax&MNI	O <mndmax)< td=""><td>243</td><td></td><td></td><td>10:34</td></mndmax)<>	243			10:34
	50	JEXDI VINEL	RECORDS		o´				11:45
	OI.	المانالية ما الديمية	AD<1kBq &	kMD>0	0				
			D=0 & MD>		. 0				
			D<0 & MD >		0		0.460		
2	-SEC COL	INT PERIOD	S				8,160		
_	2-	SEC RECOR	DS WITH SO	ORTS		2,295			
	2-	SEC RECOR	DS WITHOU	JT SORTS		5,865	3,111		
7	TOTAL PRO	CESS RECO	RDS (2-s SC	ORTS and 20	-s PERIODS	)	3,111		
1	NONPROCI	ESSING REC	ORDS (Test,	calibration, e	ic)		7		
2		T DETECTO	RS	(0.150)		DET	11	0.48%	
		DET	-	69.15% 23.49%		DET	0	0.00%	
		DET	539	5.66%		DET	1	0.04%	
		DEL	130 28	1.22%		DET	0	0.00%	
		DET TWE DETW	EEN 2-SEC		10.3 s	ec			
EDEO	TUENICS	DICTRI	BUTION	JS					
		DISTRI	DC TOI	NUM	SPEC_A	FREO%	ACT_P	NUM	FREQ%
	ESORTS	EDEO#	ACT_ND	(#)	(Bq/kg)		(kBq)	(#)	
	SORTS	FREQ% 3.0%	(Bq) -14000	2	-250	0.7%	4	182	7.9%
1	35		-12000	3	-215	1.0%	8	1,071	46.7%
2	193	16.5% 19.1%	-10000	2	-179	0.7%	12	379	16.5%
3	223 177	15.1%	-8000	8	-143	2.7%	16	202	8.8%
4 5	213	18.2%	÷6000	5	-107	1.7%	20	110	4.8%
6	155	13.3%	-4000	2	-72	0.7%	24	72	3.1% 1.7%
7	145	12.4%	-2000	1	-36	0.3%	28	40	1.7%
, 8	28	2.4%	0	1	0	0.3%	32	40	1.1%
TOTAL	1,169		2000	1	36	0.3%	36	25 20	0.9%
	-,		4000	0	72	0.0%	40	12	0.5%
	ESORTS		6000	1	107	0.3%	44	12 16	0.7%
2-GAT	SORTS	FREQ%	8000	9	143	3.0%	48 52	10	0.4%
	SOKIS	9.1%	10000	8	179	2.7%	56	8	0.3%
	103		12000		215 250	11.4% 19.8%	60	8	0.3%
DET	103 207	18.4%			230	13.070		14	0.6%
DET 9 10 11	103 207 211	18.7%	14000	59		21 1%	04		
DET 9 10 11 12	103 207 211 203	18.7% 18.0%	14000 16000	63	286	21.1% 20.8%	64 68	7	0.3%
DET 9 10 11 12 13	103 207 211 203 181	18.7% 18.0% 16.1%	14000 16000 18000	63 62	286 322	20.8%	68		0.3% 0.2%
DET 9 10 11 12 13	103 207 211 203 181 139	18.7% 18.0% 16.1% 12.3%	14000 16000 18000 20000	63 62 37	286 322 358	20.8% 12.4%	68 72	7	
DET 9 10 11 12 13 14	103 207 211 203 181 139 82	18.7% 18.0% 16.1%	14000 16000 18000 20000 22000	63 62 37 0	286 322 358 394	20.8% 12.4% 0.0%	68 72 76	7 5	0.2%
DET 9 10 11 12 13	103 207 211 203 181 139 82	18.7% 18.0% 16.1% 12.3%	14000 16000 18000 20000 22000 24000	63 62 37 0	286 322 358 394 429	20.8% 12.4% 0.0% 0.0%	68 72 76 80	7 5 1 3	0.2% 0.0%
DET 9 10 11 12 13 14	103 207 211 203 181 139 82	18.7% 18.0% 16.1% 12.3%	14000 16000 18000 20000 22000 24000	63 62 37 0 0	286 322 358 394 429 465	20.8% 12.4% 0.0% 0.0% 0.0%	68 72 76 80 84	7 5 1 3 2	0.2% 0.0% 0.1%
DET 9 10 11 12 13 14	103 207 211 203 181 139 82	18.7% 18.0% 16.1% 12.3%	14000 16000 18000 20000 22000 24000	63 62 37 0 0	286 322 358 394 429	20.8% 12.4% 0.0% 0.0%	68 72 76 80	7 5 1 3	0.2% 0.0% 0.1% 0.1%

FREQUENCY



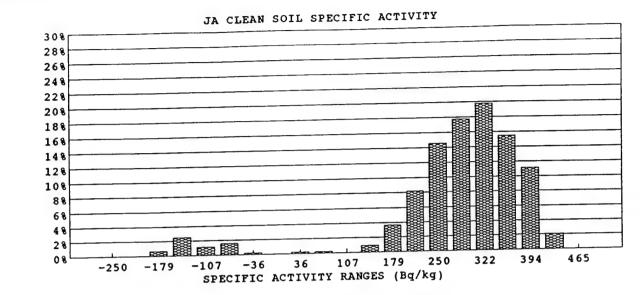


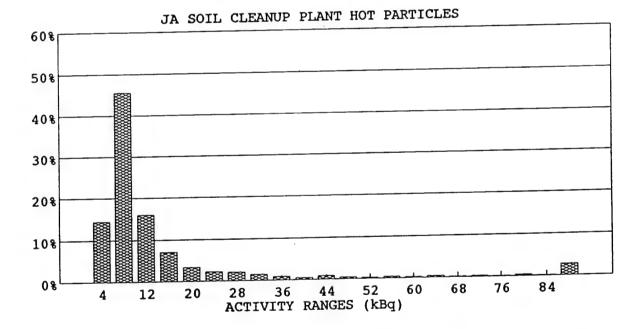


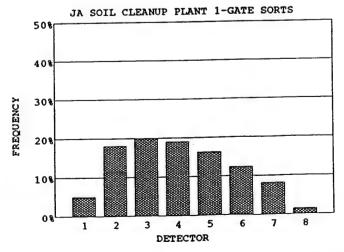


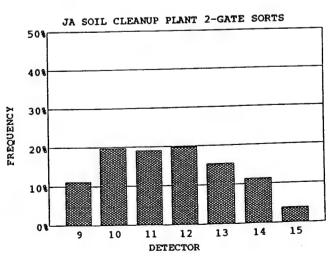
SORT	ER 2						23	3-Apr-94		
JORT		ORTER SOIL	DENSITY	1.20 to	ns/m³	E	BACKGROUND		0.75 ±	± 0.03 c
SOIL					CONTAM	INATED	CLEAN		TOTA	$\mathbf{L}_{t}$
	MASS TOTA	ΔΙ			21.8		23.8 tons		45.6 to	ons
	MAXIMUM				55.9	kg	55.9 kg			
	MAXIMUM MINIMUM				0.7	-	46.8 kg			
		N-GROUND	,		17.3	•	18.9 yd³		36.2 y	rd³
		ECOVERY (C		Γ+CLEAN)		52.2%				
		LCOVERT	22211/120				DISPERS	SED + PART	ICLE	
ACTIV	VIII				PART	TO E	нот		CLEAN	
					62,756		34,923 kBq		6,402 k	:Вσ
	TOTAL				12,305	•	7,989 kBq		23 k	-
	MAXIMUM					kBq	0 Bq		-11 k	_
	MINIMUM				2	къч	1,602 Bq/k	o		g/kg
	SPECIFIC A	CHVITY					1,002 Dq/k			
SORT							24.5		UNEXP	DATICE
2	20-SEC PR	OCESS PERI	ODS				816			TIME
	A	LL 80 ELEME	NTS SORT (	MD>0&Mi	$\sqrt{D} = 0$	380			TIME	07:07
	N	ONE (AD=0	& MD = 0 & N	(ND>0)		156			None	10:35
	SC	OME(AD>08	20 <md<mn< td=""><td>Dmax&amp;MN</td><td></td><td>280</td><td></td><td></td><td></td><td>11:45</td></md<mn<>	Dmax&MN		280				11:45
	U	NEXPLAINE	D RECORDS	5	0					11.43
			<ad<1kbq &<="" td=""><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td></ad<1kbq>		0					
		Α	D=0 & MD>	•0	0					
		Α	D<0 & MD :	>0	0					
2	2-SEC CO	JNT PERIOD	S				8,160			
	2-	-SEC RECOR	DS WITH SO			2,057				
	ż-	-SEC RECOR	DS WITHOU	JT SORTS		6,103				
-	TOTAL PR	OCESS RECO	RDS (2-s S0	ORTS and 20	)—s PERIODS	5)	2,873			
1	NONPROC	ESSING REC	ORDS (Test,	calibration,	etc)		4			
2	2-SEC SOF	TDETECTO	RS					0.620		
	1	DET	1,474	71.66%		5 DET	11	0.53%		
	2	DET	460	22.36%		6 DET	0	0.00%		
	3	DET	96	4.67%		7 DET	1	0.05%		
		DET	16	0.78%		8 DET	0	0.00%		
		TIME BETW			11.1	sec				
FREO	UENCY	DISTRI	BUTION	1S			•			
	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		
1	50	5.0%	-14000	Ò	-250	0.0%	4	296		14.4%
2	181	18.1%	-12000	0	-215	0.0%	8	937		45.6%
3	198	19.8%	-10000	3	-179	0.7%	12	328		15.9%
4	190	19.0%	-8000	11	-143	2.5%	16	146		7.1%
5	162	16.2%	-6000	5	-107	1.1%	20	69		3.4%
6	123	12.3%	-4000	7	-72	1.6%	24	47		2.3%
7	81	8.1%	-2000	1	-36	0.2%	28	44		2.1%
g g	14	1.4%	0	0	0	0.0%	32	31		1.5%
DOTAT	999	2	2000	1	36	0.2%	36	18		0.9%
	,,,		4000	1	72	0.2%	40	10		0.5%
IOIAL						0.0%	44	18		0.9%
	ESORTS		6000	0	107					0.4%
2-GAT	ESORTS	FREO%	6000 8000	4	143	0.9%	48	8		
2-GATI DET	SORTS	FREQ%	8000	4	143		48 52	8 6		0.3%
2-GATI DET 9	SORTS 118	11.2%	8000 10000	4 16	143 179	0.9%				0.3% 0.4%
2-GATI DET 9 10	SORTS 118 208	11.2% 19.7%	8000 10000 12000	4 16 36	143 179 215	0.9% 3.6% 8.2%	52	6		0.3% 0.4% 0.2%
2-GATI DET 9 10 11	SORTS 118 208 201	11.2% 19.7% 19.0%	8000 10000 12000 14000	4 16 36 64	143 179 215 250	0.9% 3.6% 8.2% 14.5%	52 56	6 9		0.3% 0.4% 0.2% 0.4%
2-GATI DET 9 10 11	SORTS 118 208 201 209	11.2% 19.7% 19.0% 19.8%	8000 10000 12000 14000 16000	4 16 36 64 78	143 179 215 250 286	0.9% 3.6% 8.2% 14.5% 17.7%	52 56 60 64	6 9 5		0.3% 0.4% 0.2% 0.4% 0.1%
2-GATI DET 9 10 11 12	SORTS 118 208 201 209 162	11.2% 19.7% 19.0% 19.8% 15.3%	8000 10000 12000 14000 16000 18000	4 16 36 64 78 87	143 179 215 250 286 322	0.9% 3.6% 8.2% 14.5% 17.7% 19.8%	52 56 60 64 68	6 9 5 9		0.3% 0.4% 0.2% 0.4%
2-GATI DET 9 10 11 12 13	SORTS 118 208 201 209 162 120	11.2% 19.7% 19.0% 19.8% 15.3% 11.3%	8000 10000 12000 14000 16000 18000 20000	16 36 64 78 87 68	143 179 215 250 286 322 358	0.9% 3.6% 8.2% 14.5% 17.7% 19.8% 15.5%	52 56 60 64 68 72	6 9 5 9 3		0.3% 0.4% 0.2% 0.4% 0.1% 0.2% 0.1%
DET 9 10 11 12 13 14	SORTS 118 208 201 209 162 120 40	11.2% 19.7% 19.0% 19.8% 15.3%	8000 10000 12000 14000 16000 18000 20000 22000	4 16 36 64 78 87 68 49	143 179 215 250 286 322 358 394	0.9% 3.6% 8.2% 14.5% 17.7% 19.8% 15.5% 11.1%	52 56 60 64 68 72 76	6 9 5 9 3 5		0.3% 0.4% 0.2% 0.4% 0.1% 0.2%
2-GATI DET 9 10 11 12 13	SORTS 118 208 201 209 162 120	11.2% 19.7% 19.0% 19.8% 15.3% 11.3%	8000 10000 12000 14000 16000 18000 20000 22000 24000	4 16 36 64 78 87 68 49	143 179 215 250 286 322 358 394 429	0.9% 3.6% 8.2% 14.5% 17.7% 19.8% 15.5% 11.1% 2.0%	52 56 60 64 68 72 76 80	6 9 5 9 3 5 2		0.3% 0.4% 0.2% 0.4% 0.1% 0.2% 0.1%
2-GATI DET 9 10 11 12 13 14	SORTS 118 208 201 209 162 120 40	11.2% 19.7% 19.0% 19.8% 15.3% 11.3%	8000 10000 12000 14000 16000 18000 20000 22000 24000 26000	4 16 36 64 78 87 68 49 9	143 179 215 250 286 322 358 394 429 465	0.9% 3.6% 8.2% 14.5% 17.7% 19.8% 15.5% 11.1% 2.0% 0.0%	52 56 60 64 68 72 76 80 84	6 9 5 9 3 5 2 7		0.3% 0.4% 0.2% 0.4% 0.1% 0.2% 0.1% 0.3% 0.1%
2-GATI DET 9 10 11 12 13 14	SORTS 118 208 201 209 162 120 40	11.2% 19.7% 19.0% 19.8% 15.3% 11.3%	8000 10000 12000 14000 16000 18000 20000 22000 24000	4 16 36 64 78 87 68 49	143 179 215 250 286 322 358 394 429	0.9% 3.6% 8.2% 14.5% 17.7% 19.8% 15.5% 11.1% 2.0%	52 56 60 64 68 72 76 80	6 9 5 9 3 5 2		0.3% 0.4% 0.2% 0.4% 0.1% 0.2% 0.1% 0.3%

FREQUENCY







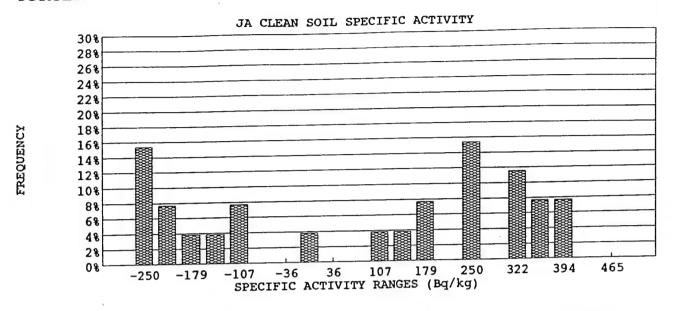


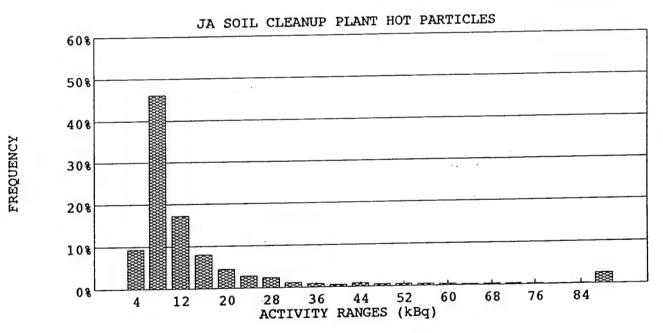
## WORK HISTORY - JA SOIL CLEANUP PLANT

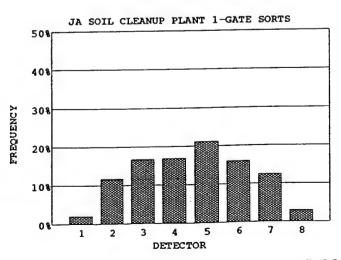
25-Apr-94

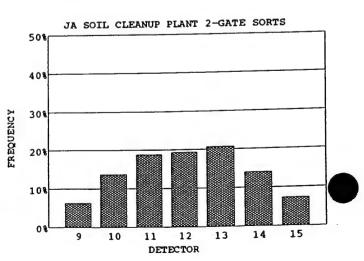
WORK DAY START LUNCH START	06:00 AM 11:00 AM		WORK DAY	END DURING LUNCH	18:00 PM 0.5 HR		
		SORTER 1	SORTER	2 SORTER 3	SORTER 4	TOTAL	
·····		11.5 hr	11.5 h	r 11.5 hr	11.5 hr	46.0	
WORK HOURS	IID C	3.5 hr	3.5 h		0.0 hr	7.0	hr
SORTER AVAILABLE HO	UKS	06:30	06:30	NA	NA		
SORTER START-UP START SOIL PROCESSING	•	06:42	06:42	NA	NA		
TIME REQUIRED TO STA		0.2 hr	0.2 h	r 0.0 hr	0.0 hr	0.4	hr
	KI-0I	17:45	17:45	NA	NA		
SORTER SHUT-DOWN		17:24	17:24	NA	NA		
END SOIL PROCESSING	TT DOWN	0.3 hr	0.3 h	r 0.0 hr	0.0 hr	0.7	hr
TIME REQUIRED TO SHU		3.0 hr	3.0 h	r 0.0 hr	0.0 hr	6.0	hr
ACTUAL PROCESS HOUR	.3	0.5 hr	0.5 h	r 0.0 hr	0.0 hr	1.0	hr
DOWN-TIME		0.0 hr	0.0 h		0.0 hr	0.0	hr
SYSTEM PAUSE	TO VE	8.0 hr	8.0 h		10.0 hr	36.0	hr
SORTER NONAVAILABLE		7.0 hr	7.0 h		10.0 hr	34.0	hr
AUTHORIZED DELAY TI	ME	7.0 111	,,,,			86.0%	
PLANT PERFORMANCE						13.1%	
PRODUCTIVTY				•			
PRODUCTIVITY							
Date		25-Apr-94	E	Excused Delays for d	ay (sorter-hrs)	34	
Contract day (from 6 Sep)		187		Excused delays for co	•	3,188	
Current Contract week		32		Excused delay days (1			days
			F	Excused delay month	s (plant-month)	3.07	months
Soil production for Day		61 MT					
Cumlative Soil Production for	r Week	61 MT		Percent of contract of		41.1%	
Total Soil production for con			٦	Fons Ahead or Behir	nd Schedule	1,770	
Since 6 Se		39,548 MT	·	Days ahead or behind	d schedule	6	days
Since 6 At	-	41,139 MT	•				
Total Soil production for proj		67,426 MT	•				

SORT	ER 1							25-Apr-94	0.44	. 0.03
2022	S	ORTER SOIL	DENSITY	1.20 to			BACKGROUNI		0.66 :	
SOIL					CONTAI	MINATED			TOTA	
	MASS TOT	AL				tons	1.1 to		30.1 t	ons
	MAXIMUN	I/SORT			58.1	_	55.9 kg			
	MINIMUM				0.7	•	41.2 kg		23.9 y	.43
		N-GROUND		T. CT CAND	23.0	ya <sup>3</sup>	0.9 yd	12	23.9 y	ď
		ECOVERY (	CLEAN/(HO	I+CLEAN	)	3.8%	DIODE	CDCCD + BADT	TOLE	
ACTI	VIIY				2.2	<b>7 7 5</b>		ERSED + PART		
						TOLE .	HOT		CLEAN	.D.
	TOTAL				51,823	•	48,070 kF	-	156 k 21 k	•
	MAXIMUM				1,364	kBq	886 kI 0 Be	•	-15 k	•
	MINIMUM				2	къч	1,658 B	•	137 E	-
	SPECIFIC A	CHVIII					1,050 15	4/26		7.0
SORT							£20		UNEXP	DATICE
		OCESS PERI			MD (1)	£10	539		TIME	TIME
		LL 80 ELEME			ND=0)	518			16:39	07:40
	N	ONE (AD=0	& MD=0 & N	1ND>0)	ID ~MAID	11			10:33	07:40
					D <mndmax 0</mndmax 	) 10				09:11
	U	NEXPLAINE	<ad<1kbq< td=""><td></td><td>0</td><td></td><td></td><td></td><td></td><td>16:57</td></ad<1kbq<>		0					16:57
			O=0 & MD>		1					16:59
		-	D<0 & MD		0					
	2-SEC CO	UNT PERIOD		-	·		5,390			
		-SEC RECOR		ORTS		3,085				
	2.	-SEC RECOR	RDS WITHOU	UTSORTS		2,305				
	TOTAL PR	OCESS RECO	ORDS (2-s S	ORTS and 2	0-s PERIODS	S)	3,624			
		ESSING REC					5			
	2-SEC SOF	RTDETECTO	RS							
	1	DET	2,054	66.58%		5 DET	16	0.52%		
	2	DET	784	25.41%		6 DET	0	0.00%		
		DET	189	6.13%		7 DET	. 0	0.00%		
		DET	42	1.36%		8 DET	0	0.00%		
		TIMEBETW			5.2	sec				
		Y DISTRI								
	<b>ESORTS</b>		ACT_ND	NUM		FREQ%	ACT_P	NUM		FREQ%
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		9.4%
1	32	2.0%	-14000	4	-250	15.4%	4	289		
2	187	11.7%	-12000	2	-215		8	1,424		46.2% 17.2%
3	268	16.8%	-10000	1	-179	3.8%	12 16	531 247		8.0%
4	271	16.9%	-8000	1	-143 -107	3.8% 7.7%	20	141		4.6%
5	339 256	21.2%	-6000 -4000	2 0	-107 -72	0.0%	24	87		2.8%
6 7	256 199	16.0% 12.4%	-4000 -2000	0	-72 -36	0.0%	28	74		2.4%
/ Ω	199 47	2.9%	-2000 0	1	0	3.8%	32	37		1.2%
OTAL	1,599	L.170	2000	0	36	0.0%	36	27		0.9%
UIAL	1,077		4000	0	72	0.0%	40	18		0.6%
2-GAT	ESORTS		6000	1	107	3.8%	44	27		0.9%
DET	SORTS	FREQ%	8000	I	143	3.8%	48	18		0.6%
9	93	6.3%	10000	2	179	7.7%	52	17		0.6%
10	204	13.7%	12000	0	215	0.0%	56	14		0.5%
11	280	18.8%	14000	4	250	15.4%	60	13		0.4%
12	287	19.3%	16000	0	286	0.0%	64	7		0.2%
13	307	20.7%	18000	3	322	11.5%	68	10		0.3%
14	207	13.9%	20000	2	358	7.7%	72	9		0.3%
15	108	7.3%	22000	2	394	7.7%	76	7		0.2%
TOTAL	1,486		24000	0	429	0.0%	80	3		0.1%
			26000	0	465	0.0%	. 84	5		0.2%
			>28000	0	0	0.0%	>84 _	80	_	2.6%
			TOTAL	26			TOTAL	3,085		
			2,784	MPE	6,492	DISE	32,227			



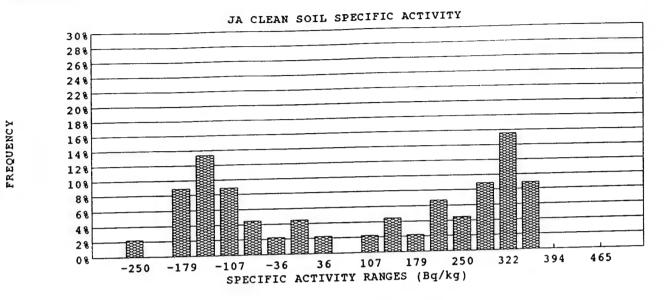


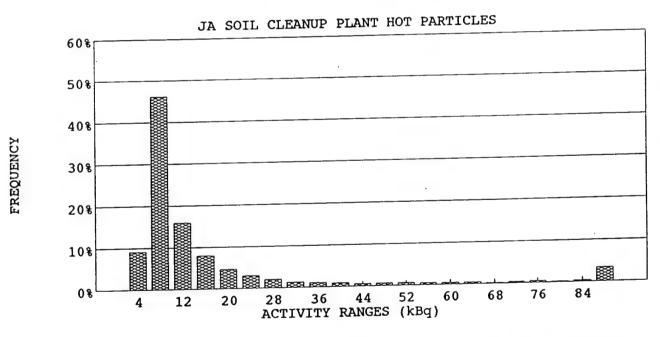


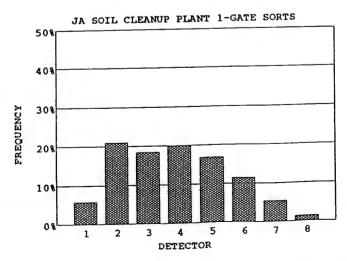


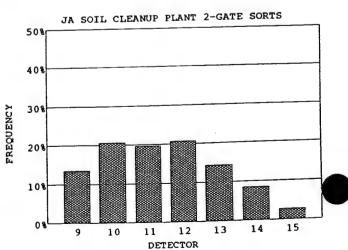
C-306

SORTE	ER 2							Apr-94	
		RTER SOIL D	ENSITY	1.20 tons	s/m³	BA	CKGROUND		7 ± 0.04 c
SOIL					CONTAM	NATED	CLEAN		TAL
	A CC TOTA	7			28.3 to		2.2 tons	30.	5 tons
	IASS TOTA				58.1 k	g	55.9 kg		
	1AXIMUM/ 1INIMUM/S				0.7 k	•	44.7 kg		
		-GROUND			22.4 y		1.7 yd3	24.	2 yd³
V	OLUMEIN	COVERY (CI	FAN//HOT	+CLEAN))		7.2%			
		COVERTICE	22 13 17 ( 2.50 2				DISPERSE	+ PARTICLE	
ACTIV	111				PART	ICI E	нот	CLEA	N
					63,452 k		42,358 kBq	21	4 kBq
	OTAL				6,521 k	•	4,853 kBq	2	0 kBq
	MAXIMUM/				•	:Bq	0 Bq	-1	4 KBq
	AINIMUM/S						1,498 Bq/kg	9	7 Bq/kg
	PECIFIC A	CHVITY							
SORTS							545	UNE	XP PAUSE
2	0-SEC PRO	OCESS PERIO	DS		<b>D</b> 0\	504	J4J	TIMI	
	AI	L 80 ELEMEN	VTS SORT (	MD>0&MN	D=0)	504 14		16:3	
	NO	NE (AD=0 &	MD=0 & M	IND>0)	AMM	14 27		1011	08:39
	SC	ME(AD>0&	) <md<mn< td=""><td>Dmax&amp;MNI</td><td>&gt;<mndmax)< td=""><td>21</td><td></td><td></td><td>09:11</td></mndmax)<></td></md<mn<>	Dmax&MNI	> <mndmax)< td=""><td>21</td><td></td><td></td><td>09:11</td></mndmax)<>	21			09:11
	Uì	IEXPLAINED	RECORDS	ACD: C	0				16:57
			AD<1kBq &		_				
			)=0 & MD>		1				
			0<0 & MD >	·U	U		5,450		
2	-SEC COU	NT PERIODS	CONTRACT CO	nac.		2,610	5,150		
	2-	SEC RECOR	DS MITH SC	JK 15		2,840			
	2-	SEC RECOR	DS WITHOU	) 1 20K 12	- PERIODS	•	3,155		
7	TOTAL PRO	CESS RECO	KDS (2-5 SC	or is and 20	-31 EKTODS	,	4		
1	NONPROCI	ESSING RECO	OKDO (Jest)	canoration, e	10)		•		
2		T DETECTOR		66.90%		5 DET	17	0.65%	
		DET	1,746	24.90%		6 DET	0	0.00%	
		DET	650	6.21%		DET 7 DET	1	0.04%	
		DET	162 35	1.34%		8 DET	0	0.00%	
		DET TIME BETWI			6.2		-		
7777	AVERAGE	IMEBELWI	DI PUION	IC					
		DISTRI		42		EDE00	ACT_P	NUM	FREQ%
1-GAT	<b>ESORTS</b>		ACT_ND	NUM	SPEC_A	FREQ%		(#)	
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	0.00	(kBq)	238	9.1%
1	75	5.8%	-14000	1	-250	2.2%	8	1,205	46.2%
2	270	20.9%	-12000	0	-215	0.0%		415	15.9%
3	238	18.4%	-10000	4	-179	8.9%	12 16	209	8.0%
4	257	19.9%	-8000	6	-143	13.3%	20	121	4.6%
5	217	16.8%	-6000	4	-107	8.9%	24	80	3.1%
6	148	11.5%	-4000	2	-72 -36	4.4%	28	53	2.0%
7	69	5.3%	-2000	1	-36	2.2%	32	33	1.3%
8	17	1.3%	0	2	0	4.4%	36	28	1.1%
TOTAL	1,291		2000	1	36	2.2%	40	22	0.8%
			4000	0	72	0.0%	44	14	0.5%
2-GAT	ESORTS		6000	1	107	2.2%	48	16	0.6%
DET		FREQ%	8000	2	143	4.4% 2.2%	52	16	0.6%
9	178	13.5%	10000	1	179 215	6.7%	56	12	0.5%
10	272	20.6%	12000	3		4.4%	60	11	0.4%
11	260	19.7%	14000	2	250		64	11	0.4%
12	273	20.7%	16000	4	286		68	5	0.2%
13	189	14.3%	18000	7	322		72	9	0.3%
14	112	8.5%	20000	4	358			10	0.4%
15	35	2.7%	22000	0	394		76 80	5	0.2%
TOTAL	1,319		24000	0	429		80	9	0.3%
			26000	0	465		84		3.4%
1			>28000	0	0	0.0%	>84	88	3.470
			- 20000						
			TOTAL	45			TOTAL	2,610	



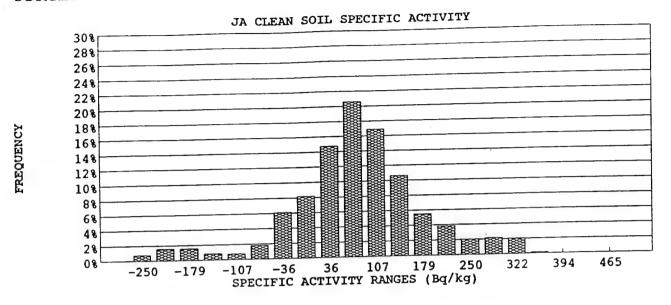


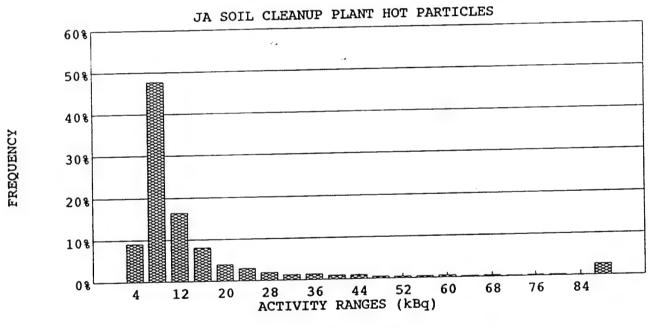


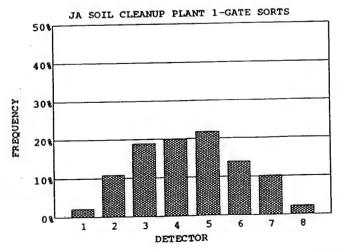


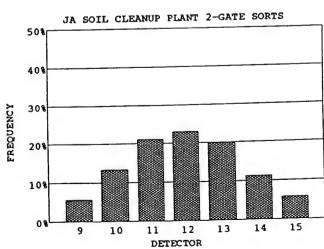
		WO	KK HISTORT	- JA SOIL C	Live			
	WORK DAY START	06:00 AM		WORK DAY	END		16:30 PM	
	UNCH START	11:00 AM		TIME LOST		NG LUNCH	0.5 HR	
			SORTER 1	SORTER	2	SORTER 3	SORTER 4	TOTAL (sorter hours)
_			10.0 hr	10.0	hr	10.0 hr	10.0 hr	40.0 hr
	WORK HOURS		9.8 hr	9.8	hr	0.0 hr	0.0 hr	19.5 hr
	SORTER AVAILABLE HOURS		06:10	06:10		NA	NA	
	SORTER START-UP		06:23	06:23		NA	NA	
	START SOIL PROCESSING	. I ID	0.2 hr	0.2	hr	0.0 hr	0.0 hr	0.4 hr
	TIME REQUIRED TO START-	-01	16:25	16:25		NA	NA	
	SORTER SHUT-DOWN		16:10	16:07		NA	NA	
	END SOIL PROCESSING	OWN	0.2 hr	0.3	hr	0.0 hr	0.0 hr	0.5 hr
	TIME REQUIRED TO SHUT D	OWIN	8.6 hr	8.5	hr	0.0 hr	0.0 hr	17.1 hr
	ACTUAL PROCESS HOURS		1.2 hr	1.2	hr	0.0 hr	0.0 hr	2.4 hr
	DOWN-TIME		1.2 hr	1.2	hr	0.0 hr	0.0 hr	2.4 hr
	SYSTEM PAUSE SORTER NONAVAILABLE TII	ME	0.2 hr	0.2	hr	10.0 hr	10.0 hr	20.5 hr
	AUTHORIZED DELAY TIME	WL	0.0 hr	0.0	hr	10.0 hr	10.0 hr	20.0 hr
	PLANT PERFORMANCE							87.6%
	PRODUCTIVTY							42.7%
	PRODUCTIVITY							
	Date		26-Apr-94		Excus	ed Delays for d	lay (sorter-hrs)	20 hr
	Contract day (from 6 Sep)		188		Excus	ed delays for o	ontract (sorter-hrs)	3,208 hr
	Current Contract week		32		Excus	ed delay days (	plant-days)	80 days
	Current Consider work				Excus	ed delay month	s (plant-month)	3.08 months
	Soil production for Day		172 M	T				41.3%
	Cumlative Soil Production for We	eek	233 M	T		nt of contract o		1,783 MT
	Total Soil production for contract	t				Ahead or Behi		1,763 M I 6 days
	Since 6 Sep 93		39,720 M	Т	Days a	ahead or behin	d schedule	u uays
	Since 6 Aug 93	3	41,311 M					
	Total Soil production for project		67,598 M	T				

SORTI	FR 1						26-	-Apr-94		
OKII		RTER SOIL D	ENSITY	1.20 to	ns/m³	B	ACKGROUND		0.66 ±	
SOIL	30	KIEK SOIL L	Zi.o.		CONTAM	INATED	CLEAN		TOTA	L
	AASS TOTA	. *			40.9 t	ons	45.4 tons		86.3 to	ons
	AASS TOTA				58.1	ιg	55.9 kg			
_	ALXIMUM/ AINIMUM/				0.7 1		34.2 kg			
-		N-GROUND			32.4 3	/d³	36.0 yd <sup>3</sup>		68.4 y	d³
v	VEIGHT RI	ECOVERY (CI	EAN/(HOT	+CLEAN)	)	52.7%				
ACTIV							DISPERS	ED + PARTI		
ACII	11 1				PART	ICLE	HOT	•	CLEAN	
7	TAL				67,453 1	cВq	61,510 kBq		2,861 k	•
	MAXIMUM	SORT			1,379 1	kBq	1,025 kBq		19 k	•
	MINIMUM/				2 1	kBq	(9,292)Bq		-16 k	-
_	PECIFIC A						1,505 Bq/kg	<u> </u>	03 E	3q/kg
SORT										
		OCESS PERIO	DS				1,544			PAUSE
2	O-SEC PK	LL 80 ELEMEN	TS SORT	MD>0&M1	(D=0)	720			TIME	TIME
	AI N	ONE (AD=0 &	MD=0& M	(ND>0)	,	493			11:48	07:28
	N	OME (AD=0& OME (AD>0&	O <md<mn< td=""><td>Dmax&amp;MN</td><td>D<mndmax)< td=""><td>331</td><td></td><td></td><td></td><td>10:00</td></mndmax)<></td></md<mn<>	Dmax&MN	D <mndmax)< td=""><td>331</td><td></td><td></td><td></td><td>10:00</td></mndmax)<>	331				10:00
	30	NEXPLAINED	RECORDS		0					10:52
	O.	0<	AD<1kBq &	kMD>0	0					
			)=0 & MD>		0					
			)<0 & MD >		1					
2	SEC COU	JNT PERIODS	3				15,440			
_	2-	-SEC RECOR	DS WITH SO	ORTS		4,050				
	2-	-SEC RECOR	DS WITHOU	JT SORTS		11,390	6.604			
7	TOTAL PRO	OCESS RECO	RDS (2-s SC	ORTS and 2	)—s PERIODS	5)	5,594			
1	NONPROC	ESSING RECO	ORDS (Test,	calibration,	etc)		11			
2	2-SEC SOF	TDETECTOR				< DET	8	0.20%		
	1	DET	2,761	68.17%		5 DET 6 DET	0	0.00%		
		DET	992	24.49%		DET DET	Ö	0.00%		
		DET	235 54	5.80% 1.33%		8 DET	0	0.00%		
		DET			11.2					
	AVERAGE	TIME BETWE	DI TTION	IC						
		Y DISTRI	BUTTON	40	SPEC A	EDEO%	ACT_P	NUM		FREQ9
	ESORTS		ACT_ND	NUM	_	FREQ70	(kBq)	(#)		
	SORTS	FREQ%	(Bq)	(#) 6	(Bq/kg) -250	0.7%	4	369		9.1%
	45	2.2%	-14000		-215	1.6%	8	1,932		47.7%
2	223	10.8%	-12000	13 13	-179	1.6%	12	664		16.4%
3	391	19.0%	-10000	7	-1/3 -143	0.8%	16	328		8.1%
4	411	19.9%	-8000 -6000	6	-107	0.7%	20	158		3.9%
5	449	21.8% 14.0%	-4000	15	-72	1.8%	24	119		2.9%
6	288 209	10.1%	-2000	51	-36	6.1%	28	74		1.8%
7	209 47	2.3%	0	68	0	8.1%	32	49		1.2%
TOTAL	2,063	2.370	2000	123	36	14.7%	36	54		1.3%
TOTAL	2,003		4000	172	72	20.6%	40	37		0.9%
2-GAT	ESORTS		6000	141	107	16.9%	44	38		0.9% 0.5%
	SORTS	FREQ%	8000	89	143	10.7%	48	19		0.5%
9	112	5.6%	10000	46	179	5.5%	52	16 17		0.4%
10	266	13.4%	12000	32	215	3.8%	56	20		0.4%
11	420	21.1%	14000	17	250	2.0%	60 64	10		0.2%
12	456	22.9%	16000	18	286	2.2%	68	12		0.3%
13	394	19.8%	18000	17	322	2.0%		6	•	0.1%
14	224	11.3%	20000	1	358	0.1%	72	9		0.2%
15	115	5.8%	22000	0	394	0.0%	76	10		0.2%
TOTAL	1,987		24000	0	429	0.0%	80	3		0.1%
			26000	0	465		84			2.6%
			>28000	0	0	0.0%		106	-	2.0 /6
			TOTAL	835			TOTAL	4,050		
	TYPES	HPE	3,761	MPE	11,991	DISE	42,731			

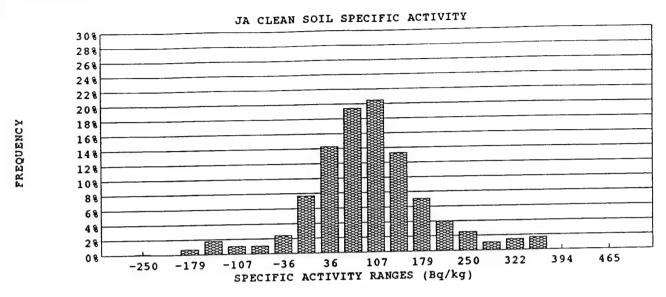


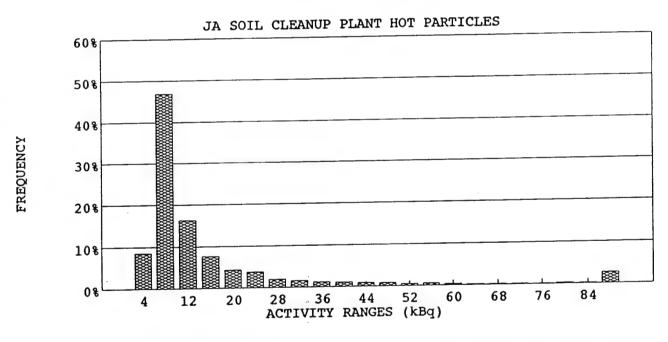


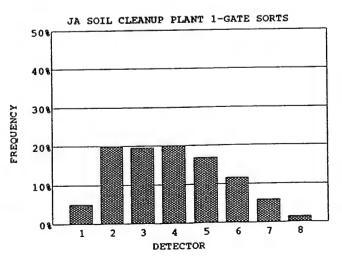


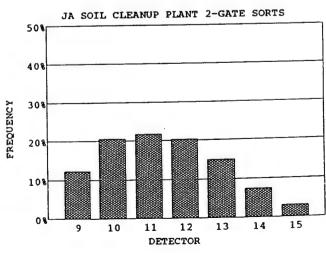


SORT	ER 2							Apr-94	0.75	0.03
OKI		RTER SOIL I	DENSITY	1.20 ton	s/m³	BA	CKGROUND		0.75 ±	
OIL					CONTAMI	NATED	CLEAN		TOTA	
	MASS TOTA	L			40.0 to	ons	45.6 tons		85.6 to	ons
-	MAXIMUM				58.1 k	-	55.9 kg			
	MINIMUMA				0.7 k	_	45.4 kg		67.8 y	rd³
1	VOLUME IN	1-GROUND			31.7 y	d³ 53.2%	36.1 yd³		o , ,	_
	WEIGHT RI	COVERY (C	LEAN/(HOT	+CLEAN))		33.2%	DIEDEDEE	) + PARTICL	F	
CTIV	VITY								EAN	
					PARTI		HOT	_	,662 k	rBa
7	TOTAL				75,569 k	-	52,606 kBq 1,748 kBq	3	20 k	
1	MAXIMUM	SORT			3,425 k	_	(2,454)Bq		-14 k	•
_	MINIMUM/				2 k	ьф	1,314 Bq/kg			3q/kg
	SPECIFIC A	CHVITY					1,521, 54,116			
ORT	'S						1 621	TIN	IEXP	PAUSE
	20-SEC PR	OCESS PERIO	DDS		- 0:	710	1,531		ME	TIME
	AI	L 80 ELEME	NTS SORT (	MD>0&MN	D=0)	710			1:48	07:28
	N/	ONE (AD=0.8	2 MD = 0 & M	(ND>0)		644 177		•	2	10:00
	SC	ME(AD>0&	0 <md<mn< td=""><td>Dmax&amp;MNI</td><td>D<mndmax)< td=""><td>1//</td><td></td><td></td><td></td><td>10:52</td></mndmax)<></td></md<mn<>	Dmax&MNI	D <mndmax)< td=""><td>1//</td><td></td><td></td><td></td><td>10:52</td></mndmax)<>	1//				10:52
	U	VEXPLAINE	RECORDS		0					
			AD<1kBq		0					
			D=0 & MD>		1					
			D<0 & MD :	>0			15,310			
2	2-SEC COU	INT PERIOD	S 20071150	NDTS		3,735				
	2-	SEC RECOR	DC MITH SQ	TT SOD TS		11,575				
	2- 	SEC RECOR	DDS (2-c SC	ORTS and 20	-s PERIODS		5,266			
	TOTALPRO	ESSING RECO	ADS (Zest	calibration, e	etc)		14			
	NONPROC	T DETECTO	RS 1885		,					
•		DET	2,532	67.79%	5	DET	9	0.24%		
		DET	925	24.77%	6	DET	0	0.00%		
		DET	223	5.97%	7	DET	0	0.00%		
		DET	46	1.23%	8	BDET	0	0.00%		
	AVERAGE	TIME BETW	EEN 2-SEC	SORTS	12.1 s	ec				
FREC	LIENCY	DISTRI	BUTION	1S						
	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		0.50
ומע 1	96	5.1%	-14000	ì	-250	0.1%	4	318		8.5%
2	376	19.8%	-12000	0	-215	0.0%	8	1,750		46.9%
3	370	19.5%	-10000	6	-179	0.7%	12	608		16.3% 7.7%
4	377	19.9%	-8000	15	-143	1.8%	16	286 164		4.4%
5	319	16.8%	-6000	9	-107	1.1%	20	164 144		3.9%
6	219	11.6%	-4000	9	-72 26	1.1%	24 28	74		2.0%
7	111	5.9%	-2000	20	-36	2.4% 7.7%	32	58		1.6%
8	27	1.4%	0	64	0 36	14.3%	36	45		1.2%
TOTAL	1,895		2000	119	72	19.4%	40	37		1.0%
			4000	162	107	20.5%	44	32		0.9%
2-CAT	ESORTS	-	6000	171	107	13.3%	48	29		0.8%
	SORTS	FREQ%	8000 10000	111 59	179	7.1%	52	17		0.5%
DET			TOOO		215	4.0%	56	20		0.5%
DET 9	225	12.2%		77				4.0		0.3%
DET 9 10	225 378	20.5%	12000	33 21		2.5%	60	12		
DET 9 10 11	225 378 399	20.5% 21.7%	12000 14000	21	250	2.5% 1.1%	60 64	8		0.2%
DET 9 10 11 12	225 378 399 373	20.5% 21.7% 20.3%	12000 14000 16000	21 9	250 286	1.1%				0.2%
DET 9 10 11 12 13	225 378 399 373 274	20.5% 21.7% 20.3% 14.9%	12000 14000 16000 18000	21 9 12	250 286 322	1.1% 1.4%	64	8		0.2% 0.2%
DET 9 10 11 12 13	225 378 399 373 274 135	20.5% 21.7% 20.3% 14.9% 7.3%	12000 14000 16000 18000 20000	21 9 12 14	250 286 322 358	1.1%	64 68	8 8 6 4		0.2% 0.2% 0.1%
DET 9 10 11 12 13 14	225 378 399 373 274 135 56	20.5% 21.7% 20.3% 14.9%	12000 14000 16000 18000 20000 22000	21 9 12 14 0	250 286 322	1.1% 1.4% 1.7%	64 68 72	8 6 4		0.2% 0.2% 0.1% 0.2%
DET 9 10 11 12 13 14	225 378 399 373 274 135	20.5% 21.7% 20.3% 14.9% 7.3%	12000 14000 16000 18000 20000 22000 24000	21 9 12 14	250 286 322 358 394	1.1% 1.4% 1.7% 0.0%	64 68 72 76	8 6 4 9 7		0.2% 0.2% 0.1% 0.2% 0.2%
DET 9 10 11 12 13 14	225 378 399 373 274 135 56	20.5% 21.7% 20.3% 14.9% 7.3%	12000 14000 16000 18000 20000 22000 24000 26000	21 9 12 14 0 0	250 286 322 358 394 429	1.1% 1.4% 1.7% 0.0% 0.0%	64 68 72 76 80	8 8 6 4 9 7 99		0.2% 0.2% 0.1% 0.2%
DET 9 10 11 12 13	225 378 399 373 274 135 56	20.5% 21.7% 20.3% 14.9% 7.3%	12000 14000 16000 18000 20000 22000 24000	21 9 12 14 0	250 286 322 358 394 429 465	1.1% 1.4% 1.7% 0.0% 0.0%	64 68 72 76 80 84	8 6 4 9 7		0.2% 0.2% 0.1% 0.2% 0.2%





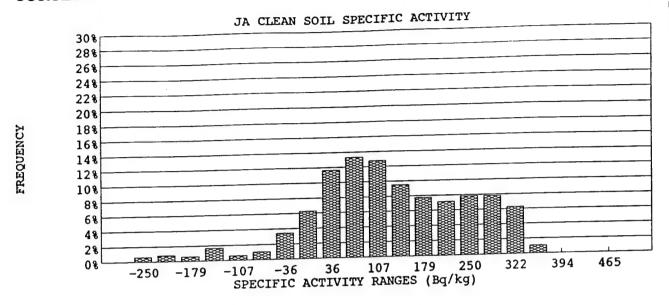


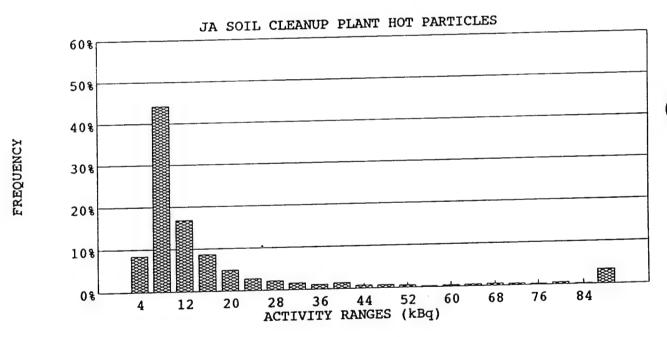


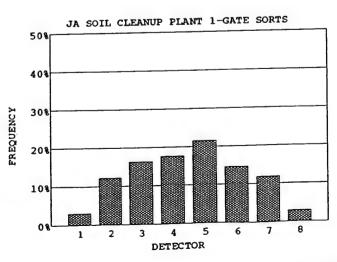
## WORK HISTORY - JA SOIL CLEANUP PLANT 27-Apr-94

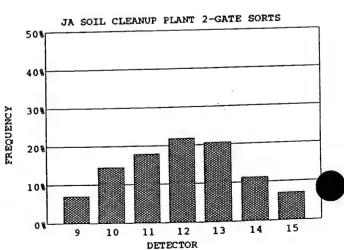
WORK DAY START LUNCH START	06:00 AM 11:00 AM		WORK DAY E	ND URING LUNCH	16:30 PM 0.5 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL (sorter hours)
WORK HOURS		10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
WORK HOURS SORTER AVAILABLE HOUR	9	9.5 hr	9.5 hr	0.0 hr	0.0 hr	19.0 hr
SORTER START-UP	3	06:15	06:15	NA	NA	
START SOIL PROCESSING		06:30	06:30	NA	NA	
TIME REQUIRED TO START	-11P	0.3 hr	0.3 hr	0.0 hr	0.0 hr	0.5 hr
SORTER SHUT-DOWN	-01	16:15	16:15	NA	NA	
END SOIL PROCESSING		15:57	15:56	NA	NA	
TIME REQUIRED TO SHUT	OWN	0.3 hr	0.3 hr	0.0 hr	0.0 hr	0.6 hr
ACTUAL PROCESS HOURS	00111	8.3 hr	8.2 hr	0.0 hr	0.0 hr	16.5 hr
		1.2 hr	1.3 hr	0.0 hr	0.0 hr	2.5 hr
DOWN-TIME SYSTEM PAUSE		1.2 hr	1.2 hr	0.0 hr	0.0 hr	2.4 hr
SORTER NONAVAILABLE T	IME	0.5 hr	0.5 hr	10.0 hr	10.0 hr	21.0 hr
AUTHORIZED DELAY TIME		0.0 hr	0.0 hr	10.0 hr	10.0 hr	20.0 hr
PLANT PERFORMANCE	•					86.8%
PRODUCTIVTY						41.2%
PRODUCTIVITY						
Data		27-Apr-94	Ex	cused Delays for d	ay (sorter-hrs)	20 hr
Date Contract day (from 6 Sep)		189			ontract (sorter-hrs)	3,228 hr
Current Contract week		32		cused delay days (		81 days
Current Contract week			Ex	cused delay month	s (plant-month)	3.10 months
Soil production for Day		166 M	Γ			
Cumlative Soil Production for W	eek	398 M	T Pe	reent of contract o	ompleted	41.5%
Total Soil production for contract			To	ns Ahead or Behi	nd Schedule	1,791 MT
Since 6 Sep 9		39,886 M	T Da	ys ahead or behin	d schedule	6 days
Since 6 Aug 9		41,477 M	т			
Total Soil production for project		67,764 M	Т			

SORT	ER 1						27-	-Apr-94		
	S	ORTER SOIL	DENSITY	1.20 to	ns/m³	F	BACKGROUND		0.67	
SOIL					CONTAN	MINATED	CLEAN		TOTA	IL.
	MASS TOT	AL			31.2	tons	52.1 tons		83.3 t	ons
	MAXIMUN	1/SORT			55.9	kg	55.9 kg			
	MINIMUM	/SORT			0.7	•	39.1 kg			
		N-GROUND			24.8	•	41.3 yd <sup>3</sup>		66.1 y	<i>r</i> d <sup>3</sup>
		ECOVERY (C	CLEAN/(HO	T+CLEAN)	)	62.5%				
ACTI	VITY						DISPERSE	D + PART	ICLE	
					PART	<b>TICLE</b>	HOT		CLEAN	
	TOTAL				73,318	kBq	50,377 kBq		6,007 1	Вq
	MAXIMUM	L/SORT			5,100	kBq	5,482 kBq		19 1	:Bq
	MINIMUM	/SORT			2	kBq	0 Bq		-18 k	•
	SPECIFIC A	ACTIVITY					1,612 Bq/kg		115 I	3q/kg
SORT	S									
		OCESS PERIO	ODS				1,491		UNEXP	PAUSE
		LL 80 ELEME		MD>0&MI	(0=QI	530			TIME	TIME
		ONE (AD=0 &			•	350			None	09:43
		OME(AD>0&			D <mndmax< td=""><td>611</td><td></td><td></td><td></td><td>10:53</td></mndmax<>	611				10:53
		NEXPLAINE			0					13:33
			AD<1kBq		0					
		A	D=0 & MD>	•0	0					
		A	D<0 & MD:	>0	0					
	2-SEC CO	UNT PERIOD:	S				14,910			
	2-	-SEC RECOR	DS WITH SO	ORTS		2,975				
		-SEC RECOR				11,935				
		OCESS RECO				5)	4,466			
		ESSING RECO	•	calibration, e	etc)		10			
		RT DETECTO				4 D DWD	24	0.010		
		DET		67.50%		5 DET	24	0.81%		
		DET	704	23.66%		6 DET	0	0.00%		
		DET	187	6.29%		7 DET 8 DET	2	0.07 <i>%</i> 0.00%		
		DET	52 CEN 2 SEC	1.75%	14.9		U	0.0070		
		TIME BETWI			14.7	scc				
_	_	Y DISTRI				m=0~	A COTE D	NT 13.4		EDEOW
	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	0.00	(kBq)	(#) 251		8.4%
1	46	3.0%	-14000	6	-250	0.6%	4			
2	185	12.2%	-12000	8	-215		. 8	1,315 501		44.2% 16.8%
3	248	16.3%	-10000	6	-179	0.6%	12 16	257		8.6%
4	269	17.7%	-8000	16	-143 -107	1.6% 0.6%	16 20	147		4.9%
5	327 222	21.5%	6000 4000	6 10	-107 -72	1.0%	24	82		2.8%
6 7	222 181	14.6% 11.9%	-2000	33	-72 -36	3.4%	28	65		2.2%
, 8	43	2.8%	-2000	61	-30	6.3%	32	45		1.5%
TOTAL	1,521	2.070	2000	113	36	11.6%	36	32		1.1%
OIAL	1,721		4000	129	72	13.3%	40	41		1.4%
2-GAT	ESORTS		6000	124	107	12.8%	44	20		0.7%
DET	SORTS	FREQ%	8000	92	143	9.5%	48	20		0.7%
9	102	7.0%	10000	75	179	7.7%	52	16		0.5%
10	212	14.6%	12000	69	215	7.1%	56	7		0.2%
11	261	18.0%	14000	76	250	7.8%	60	10		0.3%
12	317	21.8%	16000	76	286	7.8%	64	12		0.4%
13	298	20.5%	18000	61	322	6.3%	68	13		0.4%
14	162	11.1%	20000	10	358	1.0%	72	11		0.4%
15	102	7.0%	22000	0	394	0.0%	76	7		0.2%
TOTAL	1,454	7.070	24000	0	429	0.0%	80	15		0.5%
Jirub	1,734	•	26000	0	465	0.0%	84	6		0.2%
			>28000		403	0.0%	>84	102		3.4%
			_	0	U	0.070	TOTAL	2,975		3.4 /0
			TOTAL	971			I ( ) I ( ) I	7075		

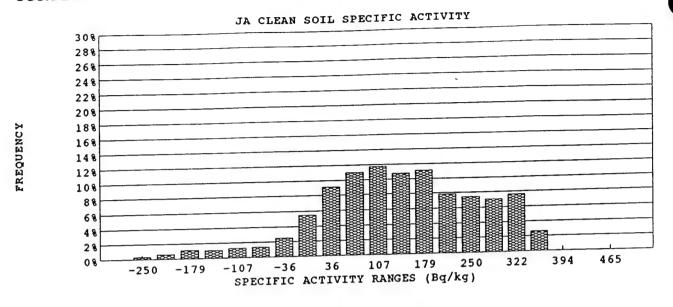


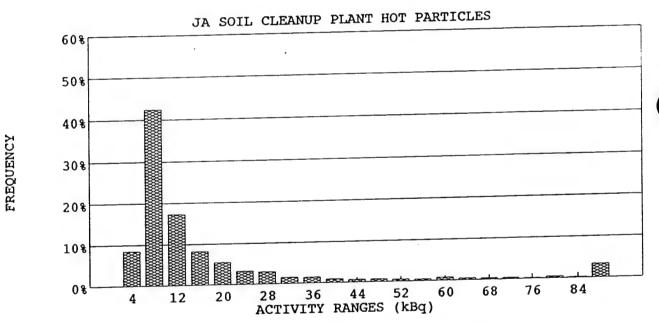


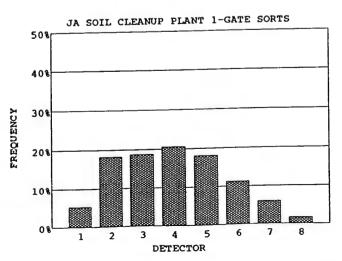


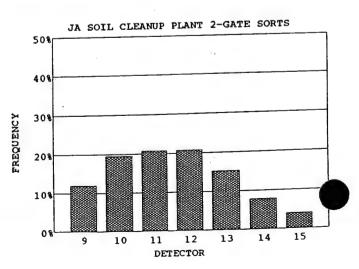


SORTI	ER 2							Apr-94	
		RTER SOIL D	ENSITY	1.20 tons	s/m³	BA	CKGROUND		$6 \pm 0.03 c$
SOIL					CONTAM	NATED	CLEAN		TAL
	ASS TOTA	1.			31.5 to	ons	51.1 tons	82.	6 tons
	(AXIMUM/				55.9 k	g	55.9 kg		
	INIMUM/S				0.7 k	g	45.4 kg		<b>-</b> 13
_		-GROUND			25.0 y		40.5 yd <sup>3</sup>	65.	5 yd³
V	VEIGHT RE	COVERY (CL	EAN/(HOT	+CLEAN))		61.9%			
ACTIV							DISPERSEI	+ PARTICLE	
ACIIV	11 1				PART	CLE	нот	CLEA	N
7	OTAL				93,381 k	Bq	53,850 kBq	6,69	1 kBq
	AXIMUM/	SORT			13,332 k	Bq	10,202 kBq		9 kBq
	AINIMUM/S				2 k	:Bq	0 Bq		4 kBq
	PECIFIC A						1,708 Bq/kg	13	1 Bq/kg
SORTS									
		CESS PERIO	DS				1,478		XP PAUSE
2	U-SEC PRO	L 80 ELEMEN	DS TS SORT (1	MD>0&MN	D=0)	546		ТІМІ	
	AL.	NE (AD=0 &	MD=0.8 M	(ND>0)	,	456		12:4	
	140	ME(AD=0&0 ME(AD>0&0	<md<mn< td=""><td>Dmax&amp;MNI</td><td>)<mndmax)< td=""><td>476</td><td></td><td></td><td>10:53</td></mndmax)<></td></md<mn<>	Dmax&MNI	) <mndmax)< td=""><td>476</td><td></td><td></td><td>10:53</td></mndmax)<>	476			10:53
	20	ME (AD > 000) TEXPLAINED	RECORDS		0				13:33
	OI.		AD<1kBq &		1				
			=0 & MD>		0				
			<0 & MD >		0				
2	-SEC COU	NTPERIODS					14,780		
		SEC RECORI		ORTS		2,855			
	2-	SEC RECORI	OHTIW 2C	JT SORTS		11,925			
7	TOTAL PRO	CESS RECOR	RDS (2-s SC	RTS and 20	-s PERIODS	)	4,333		
1	NONPROCE	SSING RECO	RDS (Test,	calibration, e	tc)		23		
2	SEC SOR	TDETECTOR	RS					0.20%	
		DET	1,951	68.34%		DET	8	0.28% 0.00%	
	2 [	ET	698	24.45%		DET	0	0.00%	
	3 [	DET	161	5.64%		7 DET	0	0.00%	
		DET	37	1.30%		BDET	0	0.0070	
		TIME BETWE			15.2	sec			
<b>FREQ</b>	<b>UENCY</b>	DISTRII	BUTION	1S				N. T. C.	FREQ%
	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM	FREQ%
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)	8.5%
1	75	5.3%	-14000	3	-250	0.3%	4	242	42.4%
2	260	18.3%	-12000	6	-215	0.6%	8	1,210	17.3%
3	267	18.8%	-10000	11	-179	1.2%	12	494 235	8.2%
4	293	20.6%	-8000	10	-143	1.0%	16	156	5.5%
5	259	18.2%	-6000	12	-107	1.3%	20	92	3.2%
6	159	11.2%	-4000	13	-72	1.4%	24	92 85	3.0%
7	85	6.0%	-2000	24	-36	2.5%	28	43	1.5%
8	24	1.7%	0	52	0	5.4%	32 36	43	1.4%
TOTAL	1,422		2000	87	36	9.1%	30 40	26	0.9%
			4000	105	72	11.0%	40 44	19	0.7%
2-GAT	<b>ESORTS</b>		6000	112	107	11.7% 10.8%	48	19	0.7%
DET	SORTS	FREQ%	8000	103	143	10.8%	52	13	0.5%
9	171	11.9%	10000	106	179 215	7.9%	56	12	0.4%
10	279	19.5%	12000	75 71		7.4%	60	20	0.7%
11	298	20.8%	14000	71	250 286	7.4%	64	11	0.4%
12	298	20.8%	16000	67 72	322	7.6%	68	10	0.4%
13	218	15.2%	18000	73 25		2.6%	72	10	0.4%
14	112	7.8%	20000	25	358	0.0%	76	6	0.2%
15	57	4.0%	22000	0	394	0.0%	80	12	0.4%
TOTAL	1,433		24000	0	429 465	0.0%	84	6	0.2%
			26000	0			>84	93	3.3%
			>28000	0	0	0.0%	TOTAL	2,855	D / V
			TOTAL	955				2,000	
		HPE	2,670	MPE_	4,745	DISE	37,691		







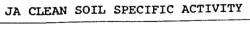


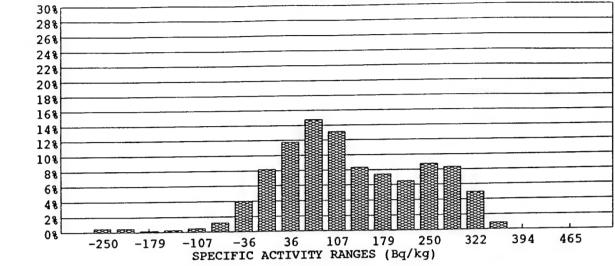
28-Apr-94

	***						
WORK DAY START	06:00 AM		WORK DAY	END		16:30 PM	
LUNCH START	11:00 AM		TIME LOST		G LUNCH	0.5 HR	
		SORTER 1	SORTER	2 SC	ORTER 3	SORTER 4	TOTAL (sorter hours)
WORK HOURS		10.0 hr	10.0	hr	10.0 hr	10.0 hr	40.0 hr
WORK HOURS SORTER AVAILABLE HOURS		9.7 hr	9.7	hr	0.0 hr	0.0 hr	19.3 hr
SORTER START-UP	•	06:10	06:10		NA	NA	
START SOIL PROCESSING		06:24	06:24		NA	NA	
TIME REQUIRED TO START-	_11D	0.2 hr	0.2	h <i>r</i>	0.0 hr	0.0 hr	0.5 hr
	-01	16:20	16:20		NA	NA	
SORTER SHUT-DOWN		16:02	16:02		NA	NA	
END SOIL PROCESSING	OWN	0.3 hr	0.3	hr	0.0 hr	0.0 hr	0.6 hr
TIME REQUIRED TO SHUT D	OWN	8.4 hr	8.4	hr	0.0 hr	0.0 hr	16.8 hr
ACTUAL PROCESS HOURS		1.3 hr	1.3		0.0 hr	0.0 hr	2.5 hr
DOWN-TIME		1.3 hr	1.3		0.0 hr	0.0 hr	2.5 hr
SYSTEM PAUSE	VE.	0.3 hr	0.3		10.0 hr	10.0 hr	20.7 hr
SORTER NONAVAILABLE TI	ME	0.0 hr	0.0		10.0 hr	10.0 hr	20.0 hr
AUTHORIZED DELAY TIME		0.0 111	0.0				86.9%
PLANT PERFORMANCE							42.0%
PRODUCTIVTY							
PRODUCTIVITY							
TRODUCTION				S	Dalam for	day (sorter–hrs)	20 hr
Date		28-Apr-94			-	ontract (sorter-hrs)	3.248 hr
Contract day (from 6 Sep)		190				(plant-days)	81 days
Current Contract week		32				hs (plant—month)	3.12 months
			_	Excused	delay mont	is (plant - month)	
Soil production for Day		169 M7		D	- <b>F </b>	nompleted	41.6%
Cumlative Soil Production for We		568 M			of contract of	ind Schedule	1.802 MT
Total Soil production for contract			_		ead or behir		6 days
Since 6 Sep 93		40,055 M7		Days ah	tad of Denii	ia sciicano	,-
Since 6 Aug 93		41,646 M7					
Total Soil production for project		67,933 M	ľ				

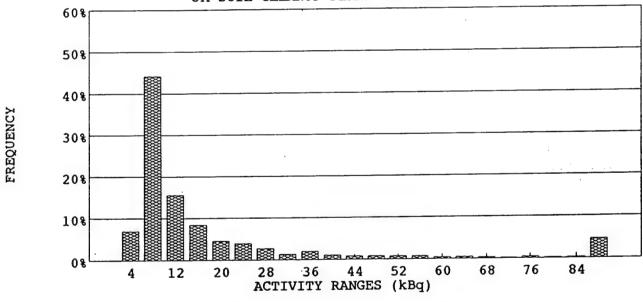
SORT	ER 1						28	3-Apr-94	
		ORTER SOIL I	DENSITY	1.20 tor	ns/m³	В	ACKGROUND		0.67 ± 0.03 c
SOIL		JK I EK OO I E			CONTAM	NATED	CLEAN		TOTAL
	MASS TOTA	Δ1			17.0 t	ons	67.5 tons		84.5 tons
	MAXIMUM				55.9 1	g	55.9 kg		
	MINIMUM/				0.7	g	27.9 kg		(7.0.17
_		N-GROUND			13.5 y		53.5 yd <sup>3</sup>		67.0 yd³
v	WEIGHT R	ECOVERY (C	LEAN/(HOT	(+CLEAN)		79.9%			
ACTIV							DISPER:	SED + PARTICI	
1011					PART	ŒE	HOT		EAN
71	TOTAL				48,397 1	:Bq	29,498 kBq	7	,666 kBq
	MAXIMUM	KORT			3,599 1	Вq	2,713 kBq		19 kBq
_	MINIMUM				3 1	:Bq	0 Bq		-18 kBq
	PECIFICA						1,734 Bq/k	g	114 Bq/kg
SORTS									
		OCESS PERIC	DDS				1,512		EXP PAUSE
2	A DEC IN	LL 80 ELEMEN	NTS SORT	MD>0&MN	$\mathbf{D} = 0$ )	266			ME TIME
	N.	ONE (AD=0 &	MD=0& N	(ND>0)	•	475		No	
	N	OME (AD > 0 & OM	0 <md<mn< td=""><td>Dmax&amp;MN</td><td>D<mndmax)< td=""><td><b>7</b>71</td><td></td><td></td><td>15:02</td></mndmax)<></td></md<mn<>	Dmax&MN	D <mndmax)< td=""><td><b>7</b>71</td><td></td><td></td><td>15:02</td></mndmax)<>	<b>7</b> 71			15:02
	30	NEXPLAINED	RECORDS	3	0				
	Ü		AD<1kBq &		0				
			)=0 & MD>		0				
			0<0 & MD >		0				
2	SEC COL	UNTPERIODS					15,120		
•		-SEC RECOR		ORTS		1,767			
	2-	-SEC RECOR	DS WITHOU	JT SORTS		13,353			
7	TOTAL PR	OCESS RECO	RDS (2-s SC	ORTS and 20	)—s PERIODS	)	3,279		
1	NONPROC	ESSING RECO	ORDS (Test,	calibration, e	etc)		2		
2	SEC SOF	T DETECTOR	RS					0.4501	
		DET	1,241	70.23%		DET	8	0.45%	
	2	DET	416	23.54%		DET	0	0.00%	
	3	DET	89	5.04%		DET	1	0.06% 0.00%	
		DET	13	0.74%		BDET	0	0.00%	
	AVERAGE	TIMEBETWE	EEN 2-SEC	SORTS	24.4 :	sec			
FREO	UENC	Y DISTRI	BUTION	√S					ED EO
	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM	FREQ%
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)	6.9%
1		3.2%	-14000	6	-250	0.5%	4	122	
2	111	12.3%	-12000	6	-215	0.5%	8	781	44.2%
3	135	15.0%	-10000	2	-179	0.2%	12	274	15.5%
4	162	18.0%	-8000	. 3	-143	0.2%	16	149	8.4% 4.5%
5	193	21.4%	-6000	6	-107	0.5%	20	80	3.9%
6	139	15.4%	-4000	15	-72	1.2%	24	69	2.7%
7	100	11.1%	-2000	50	-36	4.0%	28	48	1.4%
8	32	3.6%	0	102	0	8.2%	32	24 34	1.4%
TOTAL	901		2000	147	36	11.8%	36	34 18	1.9%
			4000	184	72	14.7%	40	13	0.7%
2-GAT	ESORTS		6000	164	107	13.1%	44 48	13	0.7%
DET	SORTS	FREQ%	8000	104	143	8.3%	48 52	12	0.7%
9	65	7.5%	10000	92	179	7.4%	56	12	0.7%
10	128	14.8%	12000	81	215	6.5% 8.7%	60	7	0.4%
11	147	17.0%	14000	109	250	8.7% 8.3%	64	8	0.5%
12	184	21.2%	16000	104	286	8.3% 5.0%	68	5	0.3%
13	169	19.5%	18000	62	322		72	3	0.2%
14	114	13.2%	20000	11	358	0.9%		7	0.4%
15	59	6.8%	22000	0	394	0.0%	76 °	3	0.2%
TOTAL	866		24000	0	429	0.0%	80	4	0.2%
:			26000	0	465	0.0%	84		4.6%
			>28000	0	0	0.0%	>84	81	4.0%
			TOTAL	1,248			TOTAL	1,767	
	TYPES	HPE	1,704	MPE	4,032	DISE	18,603		

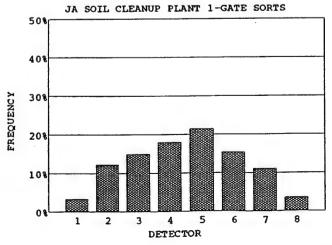
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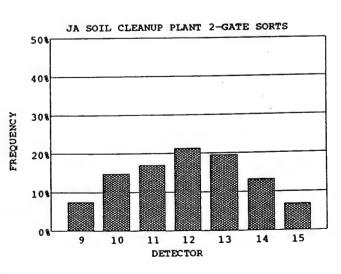






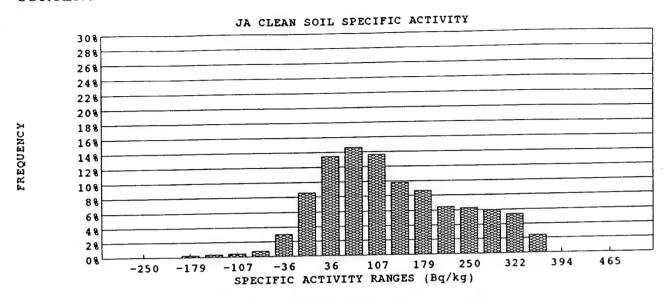


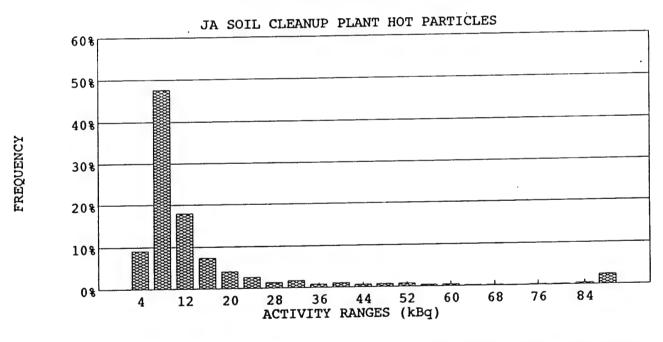


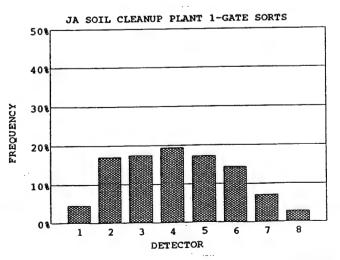


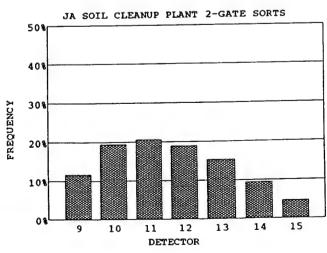
C-321

SORTI	ER 2							Apr-94	. 0.02
		RTER SOIL I	DENSITY	1.20 ton	s/m³	BA	ACKGROUND	0.77	
SOIL					CONTAM	NATED	CLEAN	TOT	
	AASS TOTA	AL.			25.1 t	ons	59.4 tons	84.5	tons
_	AXIMUM				55.9 k	g	55.9 kg		
	AINIMUM/				0.7 k	_	45.4 kg	67.0	ud3
V	OLUME II	N-GROUND			19.9 y		47.1 yd <sup>3</sup>	07.0	yu
V	VEIGHT RI	ECOVERY (C	LEAN/(HO)	(+CLEAN)		70.3%		D. DOTTOLE	
ACTIV	/ITY							) + PARTICLE	
					PARTI		нот	CLEA	
т	TOTAL				28,459 k		24,579 kBq		kBq kBq
N	<b>MUMIXAN</b>	/SORT			1,415 k	-	1,041 kBq		kBq
N	AINIMUM/	SORT			2 k	Rd	0 Bq 979 Bq/kg		Bq/kg
S	PECIFIC A	CTIVITY					9/9 Bq/kg		247.13
SORTS	S							UNEY	P PAUSE
2	0-SEC PR	OCESS PERIO	DDS			,	1,512	TIME	
	Al	L 80 ELEME	NTS SORT (	MD>0&MN	D=0)	433		None	10:52
	N	ONE (AD=0 &	k MD=0 & M	(ND>0		620		None	15:02
	SC	ME(AD>0&	0 <md<mn< td=""><td>Dmax&amp;MNI</td><td>O<mndmax)< td=""><td>459</td><td></td><td></td><td>13.02</td></mndmax)<></td></md<mn<>	Dmax&MNI	O <mndmax)< td=""><td>459</td><td></td><td></td><td>13.02</td></mndmax)<>	459			13.02
	U	NEXPLAINE	RECORDS	3	0				
			AD<1kBq &		0				
			D=0 & MD>		0				
			D<0 & MD :	>0	0		15,120		
2		INT PERIOD:				1,595	13,120		
	2-	-SEC RECOR	DS WITH SO	ORTS		13,525			
	2-	SEC RECOR	DS WITHOU	)1.20K12	* BEDIODS	•	3,107		
7	TOTAL PRO	OCESS RECO	RDS (2-s SC	orlibration	-2 LEKIODS	,	2		
1	NONPROC	ESSING RECO	DKD2 ( Iest	canoration, c	10)				
2		T DETECTO	ks 1,176	73.73%	4	DET	3	0.19%	
		DET	335	21.00%		DET	0	0.00%	
		DET	67	4.20%		DET	0	0.00%	
		DET DET	14	0.88%	1	DET	0	0.00%	
		TIME BETW			25.7	sec			
EDEO	TIENCY	DISTRI	RUTTION	IS					
		DISTRI	ACT_ND	NUM	SPEC_A	FREO%	ACT_P	NUM	FREQ9
1-GATE		EDEO%	(Bq)	(#)	(Bq/kg)	· ····	(kBq)	(#)	
DET	SORTS	FREQ% 4.5%	-14000	0	-250	0.0%	4	145	9.1%
1	36		-12000	0	-215	0.0%	8	759	47.6%
2	136 140	17.0% 17.5%	-10000	3	-179	0.3%	12	286	17.9%
3	155	19.4%	-8000	. 4	-143	0.4%	16	117	7.3%
5	133	17.3%	-6000	5	-107	0.5%	20	64	4.0%
6	115	14.4%	-4000	8	-72	0.7%	24	42	2.6%
7	56	7.0%	-2000	32	-36	3.0%	28	21	1.3%
8	22	2.8%	0	93	0	8.6%	32	27	1.7%
TOTAL -	798		2000	145	36	13.4%	36	13	0.8% 1.0%
			4000	158	72	14.6%	40	16	0.6%
2-GATI	ESORTS		6000	147	107	13.6%	44	10	0.6%
DET	SORTS	FREQ%	8000	106	143	9.8%	48	11 13	0.8%
9	93	11.7%	10000	94	179	8.7%	52 56	7	0.4%
10	155	19.4%	12000	70	215	6.5%	56 60	6	0.4%
11	164	20.6%	14000	68	250	6.3%	64	3	0.2%
12	151	18.9%	16000	64	286	5.9%	68	3	0.2%
13	122	15.3%	18000	58	322 358	5.4% 2.4%	72	1	0.1%
14	75	9.4%	20000	26	358 394	0.0%	76	3	0.2%
15 _	37	4.6%	22000	0	429	0.0%	80	3	0.2%
TOTAL	<b>7</b> 97		24000	0	465	0.0%	84	6	0.4%
			26000	0		0.0%	>84	39	2.4%
			>28000	0	0	U.U%	TOTAL	1,595	
			TOTAL	1,081					
	TYPES	HPE	1,606	MPE	2,471	DISE	31,833		







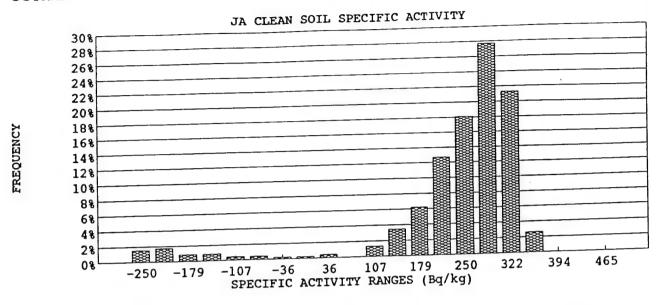


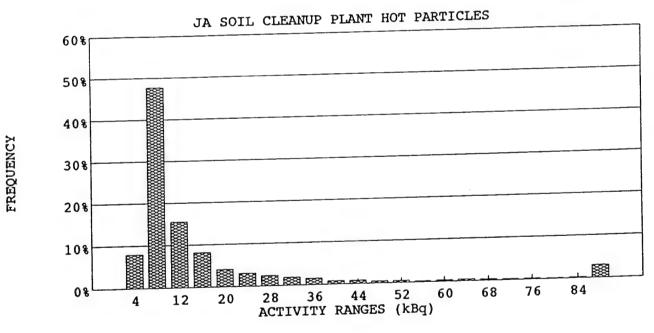
## WORK HISTORY - JA SOIL CLEANUP PLANT

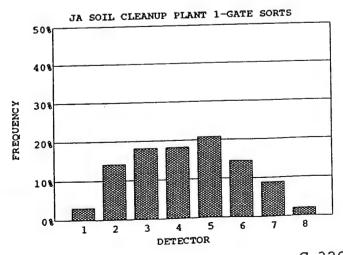
29-Apr-94

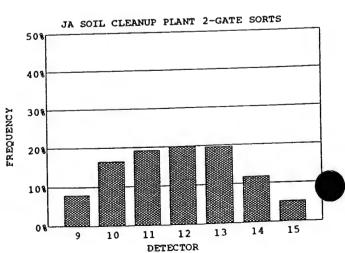
WORK DAY START LUNCH START	06:00 AN 11:00 AN	-	WORK DAY EI TIME LOST DU	ND JRING LUNCH		
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL (sorter hours)
WORK HOURS SORTER AVAILABLE HOU SORTER START-UP START SOIL PROCESSING TIME REQUIRED TO STAR SORTER SHUT-DOWN END SOIL PROCESSING TIME REQUIRED TO SHUT ACTUAL PROCESS HOURS DOWN-TIME	T-UP	10.0 hr 9.8 hr 06:10 06:26 0.3 hr 16:25 16:07 0.3 hr 8.2 hr 1.5 hr	10.0 hr 9.8 hr 06:10 06:26 0.3 hr 16:25 16:08 0.3 hr 8.2 hr 1.5 hr	10.0 hr 9.8 hr 06:10 06:34 0.4 hr 16:25 16:12 0.2 hr 7.9 hr 1.9 hr 1.4 hr	10.0 hr 9.8 hr 06:10 06:33 0.4 hr 16:25 16:07 0.3 hr 8.6 hr 1.2 hr 1.0 hr	40.0 hr 39.0 hr 1.4 hr 1.1 hr 32.9 hr 6.1 hr 5.4 hr
SYSTEM PAUSE SORTER NONAVAILABLE AUTHORIZED DELAY TIM PLANT PERFORMANCE PRODUCTIVITY PRODUCTIVITY		0.2 hr 0.0 hr	0.2 hr 0.0 hr	0.2 hr 0.0 hr	0.2 hr 0.0 hr	1.0 hr 0.0 hr 84.3% 82.2%
Date Contract day (from 6 Sep) Current Contract week		29 – Apr –94 191 32	Ex Ex	cused delay days	contract (sorter-hrs)	0 hr 3,248 hr 81 days 3.12 months
Soil production for Day  Cumlative Soil Production for  Total Soil production for contu-  Since 6 Sep  Since 6 Au  Total Soil production for proje	93 g 93	331 MT 898 MT 40,383 MT 41,974 MT 68,261 MT	T Pe To Da	rcent of contract ons Ahead or Behings ahead or behings	ind Schedule	41.8% 1,813 MT 6 days

SORTE	R 1							Apr-94	
		RTER SOIL I	ENSITY	1.20 ton	s/m³	BA	CKGROUND	0.67	
SOIL					CONTAM	NATED	CLEAN	TOTA	
	ASS TOTA	ĭ.			59.2 to	ons	23.6 tons	82.8 t	ons
	AXIMUM/				55.9 k	g	55.9 kg		
	INIMUM/S				0.7 k	_	41.2 kg	657.	.43
V	OLUME IN	-GROUND			47.0 y		18.7 yd³	65.7 y	ď
W	EIGHTRE	COVERY (C	LEAN/(HOT	+CLEAN))		28.5%		n. D. TOU F	
ACTIV								+ PARTICLE	
					PARTI	CLE	нот	CLEAN	_
T	OTAL				134,030 k	:Bq	94,941 kBq	5,768 1	_
	AXIMUM/	SORT			13,574 k	_	13,116 kBq	19 l -16 l	•
M	INIMUM/S	ORT			2 k	Вq	0 Bq	244	•
SP	ECIFIC A	CTIVITY					1,603 Bq/kg	244	DQ/KB
SORTS								- D. 1771/D	DATICE
	-SEC PR	CESS PERIO	DDS				1,482		PAUSE
	AI	L 80 ELEMEI	NTS SORT (	MD>0&MN	D=0)	1,024		ТІМЕ	TIME
	NC	NE(AD=0&	MD=0&M	ND>0)		23		None	07:55 09:18
	so	ME(AD>0&	0 <md<mn< td=""><td>Dmax&amp;MNI</td><td>O<mndmax)< td=""><td>435</td><td></td><td></td><td>10:49</td></mndmax)<></td></md<mn<>	Dmax&MNI	O <mndmax)< td=""><td>435</td><td></td><td></td><td>10:49</td></mndmax)<>	435			10:49
		VEXPLAINE	RECORDS		0				13:27
			AD<1kBq &		0				15:21
			D=0 & MD>		0				
		-	D<0 & MD >	·U	U		14,820		
2-	-SEC COU	NT PERIODS SEC RECOR	S De witu sc	2T Q		5,004	2 1,020		
	2-	SEC RECOR	DS WITH SC	IT SORTS		9,816			
TV		SEC RECOR	DS W111100	RTS and 20	-s PERIODS	•	6,486		
N.		ESSING RECO	ORDS (Test.	alibration, e	ic)	,	7		
2-	-SEC SUB	T DETECTO	RS	,,	,				
2-		DET	3,437	68.69%	:	DET	18	0.36%	
		DET	1,200	23.98%	•	6 DET	0	0.00%	
		DET	295	5.90%		DET	1	0.02%	
	41	DET	54	1.08%		BDET	1	0.02%	
		TIME BETW			8.6	sec			
FREOU	<b>JENCY</b>	DISTRI	BUTION	IS					EDE00
1-GATE			ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM	FREQ%
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)	8.0%
1	79	3.1%	-14000	7	-250	1.5%	4	398	
2	364	14.2%	-12000	8		1.7%	8	2,390	47.8% 15.5%
3	465	18.2%	-10000	4	-179	0.9%	12	774 409	8.2%
4	468	18.3%	-8000	4	-143	0.9%	16 20	206	4.1%
5	532	20.8%	-6000	2	-107 -72	0.4% 0.4%	24	154	3.1%
6	373	14.6%	-4000 2000	2 1	-72 -36	0.4%	28	119	2.4%
7	226	8.8%	-2000 0	1	-30	0.2%	32	92	1.8%
8 _	2.550	2.0%	2000	2	36	0.4%	36	74	1.5%
TOTAL	2,559		4000	0	72	0.0%	40	40	0.8%
2-GATE	2TQO2		6000	6	107	1.3%	44	40	0.8%
	SORTS	FREQ%	8000	16	143	3.4%	48	22	0.4%
9	192	7.9%	10000	29	179	6.2%	52	24	0.5%
10	403	16.5%	12000	59	215	12.7%	56	13	0.3%
11	470	19.2%	14000	84	250	18.1%	60	17	0.3% 0.4%
12	487	19.9%	16000	129	286	27.7%	64	19	0.4%
13	479	19.6%	18000	99	322	21.3%	68	15	0.3%
14	286	11.7%	20000	12	358	2.6%	72	14	0.3%
15	128	5.2%	22000	0	394	0.0%	76	14	0.3%
TOTAL	2,445		24000	0	429	0.0%	80	8	0.2%
			26000	0	465	0.0%	84	11	
			>28000	0	0	0.0%	>84	151	3.0%
			TOTAL	465			TOTAL	5,004	
		HPE	4,745	MPE	14,532	DISE	65,490		



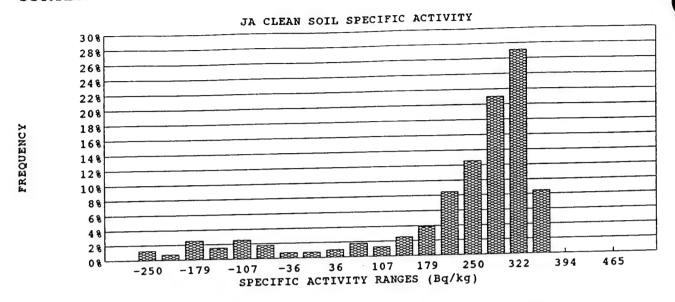


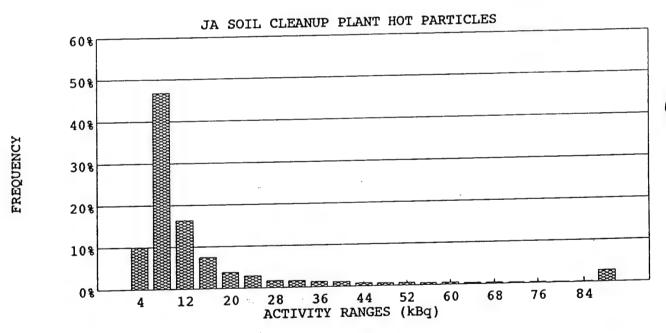


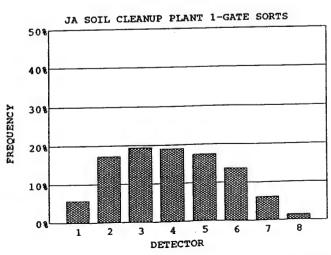


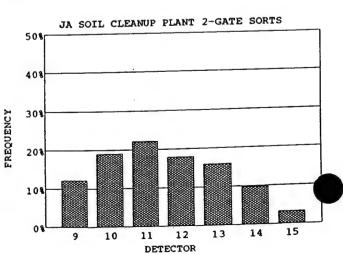
n 2						29-A		
	TER COULET	VTIONS	1.20 tons/s	n³	BAC	KGROUND	0.79	
SOR	TER SOIL DE	NSIII	1.20 (0)15/1		ATED	CLEAN	TO	TAL
						20.2 tons	82.7	7 tons
						55.9 kg		
				_		40.5 kg		
NIMUM/S	ORT			•			65.0	5 yd³
DLUME IN	-GROUND		CI EANIN	47.0 }4				
	COVERY (CL	EAN/(HOTA	-CLEAN))			DISPERSED	+ PARTICLE	
TY				D + D777.0	4.6		CLEA	N
							4,55	1 kBq
TAL								9 kBq
AXIMUM/S	SORT				_	•	-2	4 kBq
				2 KI	Ч		22	6 Bq/kg
ECIFIC AC	TIVITY					2,000 - 1.00		
						1.490	UNE	CP PAUSE
-SEC PRO	CESS PERIO	OS			1 000	1,400	TIME	
AL	L 80 ELEMEN	TS SORT (M	ID>0&MND	)=0)	•		None	07:55
NO	STC (AT) = 0 & 1	MD=0& M	MD>0)					09:18
so	ME(AD>0&0	<md<mni< td=""><td>max&amp;MND</td><td><mndmax)< td=""><td>341</td><td></td><td></td><td>10:49</td></mndmax)<></td></md<mni<>	max&MND	<mndmax)< td=""><td>341</td><td></td><td></td><td>10:49</td></mndmax)<>	341			10:49
UN	EXPLAINED	RECORDS		U				13:27
	0<	AD<1kBq &						15:21
				_				
		<0 & MD >	0	U		14 800		
-SEC COU	NT PERIODS				4 887	21,000		
2-	SEC RECORT	OS WITH SO	RTS		•			
2-	SEC RECORI	S WITHOU	1.20K12	• PERIODS)		6.367		
OTAL PRO	CESS RECOR	DS (2-s SO	K 15 and 20-	-s rekiods)		9		
ONPROCE	ESSING RECO	RDS (Test, c	alibration, ct	c)				
-SEC SOR	TDETECTOR	LS	(0.700)	5	DET	23	0.47%	
1 I	DET					0	0.00%	
2 I	DET	-,				1	0.02%	
			-			1	0.02%	
41	DET							
VERAGE	TIMEBELWE	EN 2-SEC	IC	0.7 5				
UENCY	DISTRI	ROLION	12	enno 1	CD CO%	ACT P	NUM	FREQ%
SORTS		ACT_ND	_		rkeQ%	_	(#)	
SORTS	FREQ%	(Bq)		,	1 20%	(KD4)	489	10.0%
142	5.7%	-14000				8	2,286	46.8%
427	17.2%	-12000				_	794	16.2%
481	19.4%						363	7.4%
471	19.0%						185	3.8%
431	17.4%						142	2.9%
337	13.6%						81	1.7%
151	6.1%						78	1.6%
36	1.5%						63	1.3%
2,476							53	1.1%
							34	0.7%
ESORTS							32	0.7%
SORTS						52	30	0.6%
292						56	22	0.5%
459						60	25	0.5%
535						64	18	0.4%
432							15	0.3%
381							14	0.3%
236							14	0.3%
76	3.2%	22000		429	0.0%	80	7	0.1%
		24000	0		0.0%	84	10	0.2%
2,411			^	AAS				
2,411		26000	0	465			132	2.7%
2,411		26000 >28000 TOTAL	0 0 391	465		>84 TOTAL	132 4,887	2.7%
	ASS TOTAL AXIMUM/S NIMUM/S NIMUM/S NIMUM/S NIMUM/S NIMUM/S NIMUM/S NIMUM/S P OTAL AXIMUM/S CIFIC AC  AL NC SO UN  -SEC PRO AL NC SO UN  -SEC SOR 1 I 2 I 3 I 4 I VERAGE UENCY ESORTS SORTS 142 427 481 471 431 337 151 36 2,476 ESORTS SORTS 292 459 535 432 381 236	SORTER SOIL DE  ASS TOTAL  AXIMUM/SORT NIMUM/SORT DLUME IN-GROUND EIGHT RECOVERY (CLI TTY  OTAL  AXIMUM/SORT INIMUM/SORT ECIFIC ACTIVITY  - SEC PROCESS PERIOR ALL 80 ELEMEN NONE (AD=0 & SOME (AD>0&0 UNEXPLAINED  0 - SEC RECORD 2 - SEC RECORD 0 - SEC SORT DETECTOR 1 DET 2 DET 3 DET 4 DET 2 DET 3 DET 4 DET VERAGE TIME BETWE UENCY DISTRIF ESORTS SORTS SORTS FREQ% 142 5.7% 427 17.2% 481 19.4% 471 19.0% 431 17.4% 337 13.6% 151 6.1% 36 1.5% 2,476  E SORTS SORTS FREQ% 142 5.7% 427 17.2% 481 19.4% 471 19.0% 431 17.4% 337 13.6% 151 6.1% 36 1.5% 2,476  E SORTS SORTS FREQ% 142 5.7% 427 17.2% 481 19.4% 471 19.0% 431 17.4% 337 13.6% 151 6.1% 36 1.5% 2,476  E SORTS SORTS FREQ% 142 5.7% 427 17.2% 481 19.4% 471 19.0% 431 17.4% 337 13.6% 151 6.1% 36 1.5% 2,476  E SORTS SORTS FREQ% 142 17.9% 381 15.8% 236 9.8%	SORTER SOIL DENSITY  ASS TOTAL  AXIMUM/SORT NIMUM/SORT DLUME IN-GROUND EIGHT RECOVERY (CLEAN/(HOT+TY)  OTAL  AXIMUM/SORT ECIFIC ACTIVITY  - SEC PROCESS PERIODS  ALL 80 ELEMENTS SORT (MONE (AD=0 & MD=0 & MD=0 & MD = 0 &	SORTER SOIL DENSITY 1.20 tons/s  ASS TOTAL  AXIMUM/SORT NIMUM/SORT DUME IN-GROUND EIGHT RECOVERY (CLEAN/(HOT+CLEAN))  TY  OTAL  AXIMUM/SORT INIMUM/SORT ECIFIC ACTIVITY  - SEC PROCESS PERIODS  ALL 80 ELEMENTS SORT (MD>0&MND NONE (AD=0 & MD=0 & MND>0) SOME (AD>0&0 MD< MNDmax&MND UNEXPLAINED RECORDS  0 < AD<1kBq & MD>0 AD=0 & MD>0 AD=0 & MD>0 -SEC COUNT PERIODS  2 - SEC RECORDS WITH SORTS 2 - SEC RECORDS (2-s SORTS and 20- ONPROCESSING RECORDS (2-s SORTS and 20- ONPROCESSING RECORDS (Test, calibration, et SEC SORT DETECTORS  1 DET 3,407 69.72% 2 DET 1,122 22.96% 3 DET 287 5.87% 4 DET 48 0.98%  EVERAGE TIME BETWEEN 2 - SEC SORTS  UENCY DISTRIBUTIONS  SORTS FREQ% (Bq) (#) 142 5.7% -14000 5 427 17.2% -12000 3 481 19.4% -10000 10 471 19.0% -8000 6 431 17.4% -6000 10 337 13.6% -4000 7 151 6.1% -2000 3 481 19.4% -10000 10 471 19.0% -8000 6 431 17.4% -6000 10 337 13.6% -4000 7 151 6.1% -2000 3 481 19.4% -10000 10 471 19.0% -8000 6 431 17.4% -6000 10 337 13.6% -4000 7 151 6.1% -2000 3 481 19.4% -10000 10 471 19.0% -8000 6 431 17.4% -6000 10 337 13.6% -4000 7 151 6.1% -2000 3 481 19.4% -10000 10 471 19.0% -8000 6 431 17.4% -6000 10 337 13.6% -4000 7 151 6.1% -2000 3 481 19.4% -10000 10 471 19.0% -8000 6 431 17.4% -6000 10 337 13.6% -4000 7 151 6.1% -2000 3 36 1.5% 0 3 2,476 2000 4 4000 7 4000	SORTER SOIL DENSITY   1.20 tons/m²   CONTAMIN   62.6 ton	SORTER SOIL DENSITY   1.20 tons/m³   DAC	SORTER SOIL DENSITY 1.20 tons/m³ BACKGROUND    CONTAMINATED   CLEAN	SORTER SOIL DENSITY

29-Apr-94





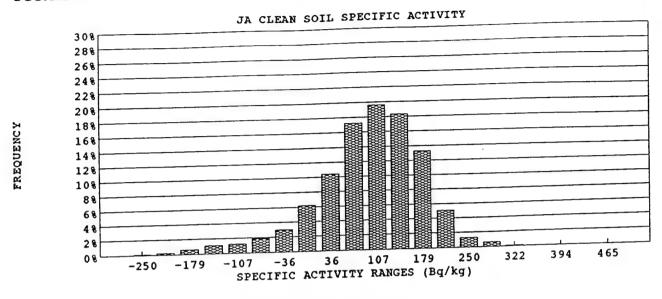


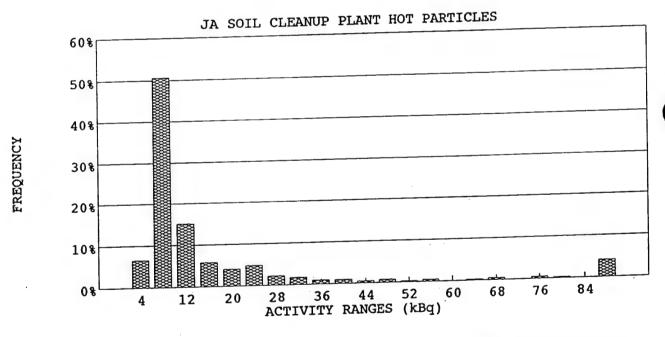


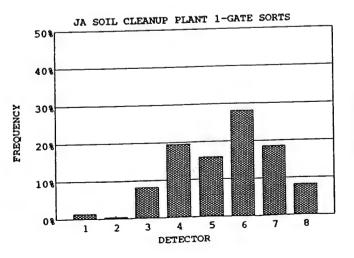
ORTI	ER 3						29	-Apr-94	
		RTER SOIL D	DENSITY	1.20 tons	s/m³		CKGROUND		64 ± 0.03 c
SOIL		KILKSOILL	DI LOCATE		CONTAM	NATED	CLEAN		TAL
	ASS TOTA	I.			1.0 t	ons	78.0 tons	79	.1 tons
-	AAXIMUM/				58.1 k	g	55.9 kg		
-	AINIMUM/S				0.7 k	g	51.0 kg		
-		-GROUND			0.8 y	d³	61.9 yd <sup>3</sup>	62	.7 yd3
1	VEIGHTRE	COVERY (CI	FAN/HOT	+CLEAN))	•	98.7%			
		co.Ex. (c.					DISPERS	ED + PARTICLE	
ACTIV	111				PART	CLE	НОТ	CLE	AN
					9,407 k		3,684 kBq	7.0	29 kBq
	TOTAL				1,082	-	543 kBq	•	18 kBq
	MAXIMUM				•	ъч Вq	(3,366)Bq		-7 kBq
_	AINIMUM/S				3 1	ъч	3,573 Bq/kg		90 Bg/kg
	PECIFIC A	CHVITY					3573 5474	<u> </u>	
SORTS	S							LIME	XP PAUSE
2	0-SEC PR	OCESS PERIO	DDS				1,414		
	AI	L 80 ELEMEN	NTS SORT (	MD>0&MN	D=0)	7		TIM	
	NO	NE(AD=0&	MD=0 & M	(ND>0)		912		07: 07:	
	SC	ME(AD>0&	0 <md<mn< td=""><td>Dmax&amp;MNI</td><td></td><td>495</td><td></td><td></td><td></td></md<mn<>	Dmax&MNI		495			
		VEXPLAINED			0			07:	
			:AD<1kBq &		2			07:	
			D=0 & MD>		3			12:	
		AI	>0 & MD	•0	1		_	12:	
2	-SEC COU	NT PERIODS	S				14,140		08:21
	2-	SEC RECOR	DS WITH SO	ORTS		417			10:53
	2-	SEC RECOR	DS WITHOU	JT SORTS		13,723			
7	TOTAL PRO	CESS RECO	RDS (2-s SC	ORTS and 20	-s PERIODS	)	1,831		
1	NONPROCI	ESSING RECO	ORDS (Test,	calibration, e	tc)		75		
2	-SEC SOR	TDETECTO	RS `						
-		DET	329	78.90%	:	DET	1	0.24%	
		DET	73	17.51%		6 DET	0	0.00%	
		DET	13	3.12%		7 DET	0 .	0.00%	
		DET	1	0.24%	:	8 DET	0	0.00%	
		TIME BETWI	EEN 2-SEC	SORTS	86.0	sec			
EDEO	TIENCY	DISTRI	BUTTON	IS			•.*		
		DISTRI	ACT ND	NUM	SPEC_A	FREO%	ACT_P	NUM	FREQ%
	ESORTS	TDF00	_	(#)	(Bq/kg)	I KDQ //	(kBq)	(#)	
	SORTS	FREQ%	(Bq)	1	-250	0.1%	4	27	6.5%
1	3	1.4%	-14000	3	-215	0.2%	8	211	50.6%
2	1	0.5%	-12000	9	-213 -179	0.6%	12	63	15.1%
3	18	8.1%	-10000		-143	1.1%	16	24	5.8%
4	43	19.5%	-8000	16	-143 -107	1.2%	20	17	4.1%
5	35	15.8%	-6000	18	-107 -72	1.2%	24	20	4.8%
6	62	28.1%	-4000	28	-72 -36	3.0%	28	9	2.2%
7	41	18.6%	-2000	44	-30	6.2%	32	7	1.7%
8	18	8.1%	0	92			36	4	1.0%
TOTAL	221		2000	154	36	10.4%	40	4	1.0%
			4000	255	72	17.2%		2	0.5%
	ESORTS		6000	290	107	19.6%	44	3	0.7%
DET	SORTS	FREQ%	8000	271	143	18.3%	48 52	1	0.7%
9	2	1.0%	10000	197	179	13.3%	56	2	0.5%
10	7	3.6%	12000	75	215	5.1%		0	0.0%
11	27	13.8%	14000	19	250	1.3%	60		0.0%
12	33	16.8%	16000	9	286	0.6%	64	1	0.5%
13	46	23.5%	18000	1	322	0.1%	68	2	0.0%
14	57	29.1%	20000	0	358	0.0%	72	0	0.5%
15	24	12.2%	22000	0	394	0.0%	76	2	
TOTAL	196		24000	0	429	0.0%	80	1	0.2%
			26000	0	465	0.0%	84	0	0.0%
			>28000	0	0	0.0%	>84	17	4.1%
			TOTAL	1,482			TOTAL	417	
				MPE	463	DISE	581		

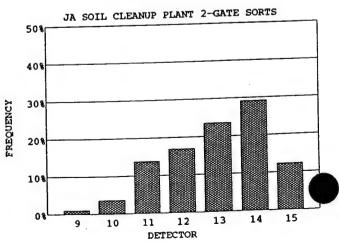
SORTER 3

29-Apr-94

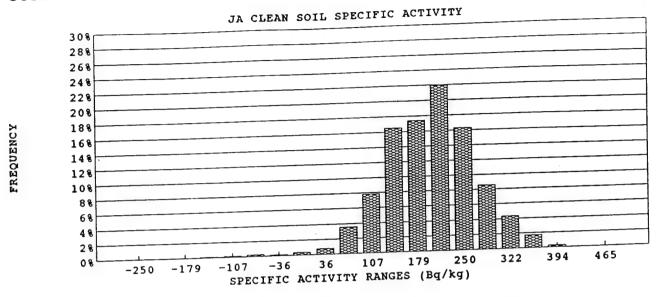


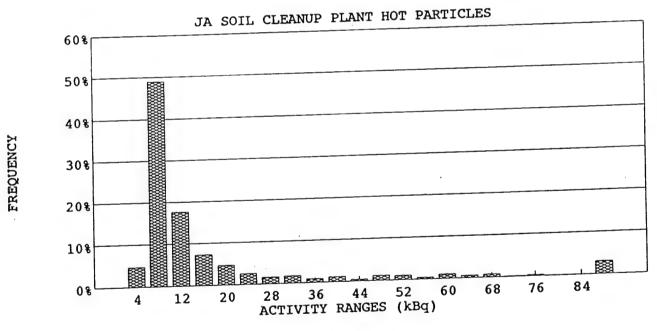


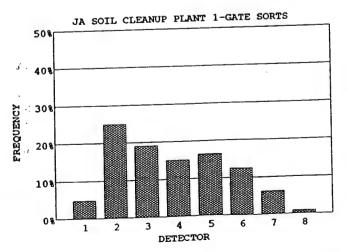


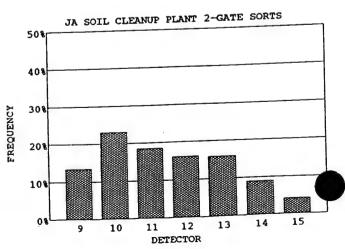


SORTI	ER 4		_					9-Apr-94	0.64	0.00
		RTER SOIL D	ENSITY	1.20 ton			ACKGROUND			0.02 0
SOIL					CONTAM	INATED	CLEAN		TOTA	
N	MASS TOTA	VL.			1.5 (		84.5 tons	:	86.0 t	ons
N	MAXIMUM	SORT			58.1	-	55.9 kg			
N	MINIMUMA	SORT			0.7 1		48.9 kg		68.2 y	d3
		N-GROUND			1.2		67.0 yd³		00.2 y	u
		ECOVERY (CI	LEAN/(HO)	(+CLEAN))		98.2%		opp . PAPT	OL E	
ACTIV	/TTY							SED + PARTI		
					PART		НОТ		CLEAN 15,473 k	D.
7	TOTAL				15,067		6,100 kBq		13,473 k	•
_	MUMIXAN				1,015	_	653 kBq 0 Bq		-8 k	•
_	MINIMUM/				3 1	kBq	3,946 Bq/	ka	183 E	-
	SPECIFIC A	CTIVITY					3,940 Bq/	Ng	103 4	74/1.B
SORT								,	INEVE	DATICE
2	20-SEC PR	OCESS PERIO	DS				1,539		TIME	PAUSE
	AI	LL 80 ELEMEN	VTS SORT (	MD>0&MN	D=0)	13			None	07:11
	N	ONE (AD=0 &	MD=0 & M	IND>0)		937		,		10:52
	SC	ME(AD>0&	O <md<mn< td=""><td>Dmax&amp;MNI</td><td>&gt;MNDmax)</td><td>589</td><td></td><td></td><td></td><td></td></md<mn<>	Dmax&MNI	>MNDmax)	589				
	Ul	NEXPLAINED			. 0					
			AD<1kBq &		0					
			)=0 & MD> )<0 & MD >		0					
	. erc col		_	<b>&gt;</b> 0			15,390			
2		JNT PERIODS -SEC RECORI		ORTS		687				
		-SEC RECOR				14,703				
7	-2 TOTAL PR€	OCESS RECOI	RDS (2-s SC	ORTS and 20	-s PERIODS	5)	2,226			
,	NONPROCI	ESSING RECO	RDS (Test	calibration, e	tc)	•	2			
		TDETECTOR			,					
-		DET		72.93%		5 DET	2	0.29%		
		DET	147	21.40%		6 DET	0	0.00%		
		DET	31	4.51%		7 DET	0	0.00%		
	4 1	DET	6	0.87%		8 DET	0	0.00%		
	AVERAGE	TIME BETWE	EEN 2-SEC	SORTS	61.4	sec				
FREO	UENCY	DISTRI	BUTION	1S						
	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM		FREQ%
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)		(kBq)	(#)		. =~
1	17	4.8%	-14000	0	-250	0.0%	4	32		4.7%
2	88	25.0%	-12000	0	-215		8	336		48.9%
3	67	19.0%	-10000	0	-179	0.0%	12	121		17.6%
4	53	15.1%	-8000	1	-143	0.1%	16	50		7.3% 4.7%
5	58	16.5%	-6000	2	-107	0.1%	20	32		2.6%
6	44	12.5%	-4000	3	-72	0.2%	24	18 11		1.6%
7	22	6.3%	-2000	2	-36	0.1%	28 32	12		1.7%
8	3	0.9%	0	5	0	0.3%	32 36	6		0.9%
TOTAL	352		2000	12	36	0.8% 3.5%	40	8		1.2%
			4000	54 120	72 107	3.3% 7.9%	44	3		0.4%
	ESORTS	EDEO.	6000	120 252	143	16.5%	48	8		1.2%
	SORTS	FREQ%	8000 10000	266	179	17.4%	52	7		1.0%
9	45	13.4%	12000	335	215	21.9%	56	3		0.4%
10	77 62	23.0% 18.5%	14000	249	250	16.3%	60	7		1.0%
11	62 54	16.1%	16000	131	286	8.6%	64	4		0.6%
12 13	54 53	15.8%	18000	66	322	4.3%	68	5		0.7%
13	33 30	9.0%	20000	26	358	1.7%	72	1		0.1%
15	14	4.2%	22000	4	394	0.3%	76	2		0.3%
TOTAL	335	4.270	24000	0	429	0.0%	80	0		0.0%
TOTAL	333 .		26000	0	465	0.0%	84	0		0.0%
			>28000	0	0	0.0%	>84	21		3.1%
			TOTAL	1,528			TOTAL	687		
			698	MPE	474	DISE	1,038			









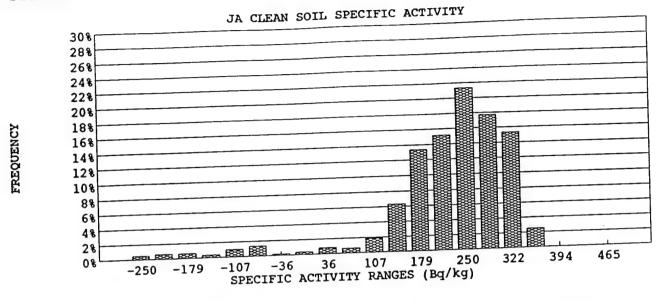
30-Apr-94

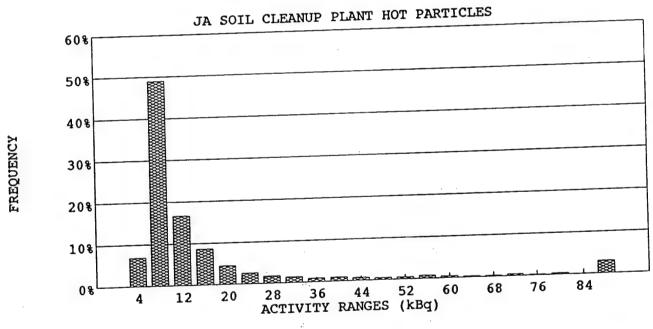
WORK DAY START	05:00 AM	,	WORK DAY E	ND	15:30 PM	
LUNCH START	11:00 AM	_	TIME LOST DI	URING LUNCH	0.5 HR	
		SORTER 1	SORTER 2	SORTER 3	SORTER 4	TOTAL (sorter hours)
WORK HOURS		10.0 hr	10.0 hr	10.0 hr	10.0 hr	40.0 hr
SORTER AVAILABLE HOU	RS	7.8 hr	7.8 hr	7.8 hr	7.8 hr	31.0 hr
SORTER START-UP		05:10	05:10	05:10	05:10	
START SOIL PROCESSING		05:27	05:28	05:30	05:30	
TIME REQUIRED TO STAR	T-UP	0.3 hr	0.3 hr	0.3 hr	0.3 hr	1.3 hr
SORTER SHUT-DOWN		13:25	13:25	13:25	13:25	
END SOIL PROCESSING		13:12	13:10	13:04	13:04	
TIME REQUIRED TO SHUT	DOWN	0.2 hr	0.2 hr	0.3 hr	0.3 hr	1.1 hr
ACTUAL PROCESS HOURS		6.2 hr	6.2 hr	6.6 hr	6.2 hr	25.3 hr
DOWN-TIME		1.5 hr	1.6 hr	1.1 hr	1.5 hr	5.8 hr
SYSTEM PAUSE		1.5 hr	1.5 hr	1.0 hr	1.4 hr	5.5 hr
SORTER NONAVAILABLE	ТІМЕ	2.3 hr	2.3 hr	2.3 hr	2.3 hr	9.0 hr
AUTHORIZED DELAY TIM		0.0 hr	0.0 hr	0.0 hr	0.0 hr	0.0 hr
PLANT PERFORMANCE						81.5%
PRODUCTIVTY						63.1%
PRODUCTIVITY						
Date		30-Apr-94		cused Delays for d		0 hr
Contract day (from 6 Sep)		192	Ex	cused delays for co	ontract (sorter-hrs)	3,248 hr
Current Contract week		32		cused delay days (		81 days
			Ex	cused delay month	s (plant-month)	3.12 month
Soil production for Day		254 MT				
Cumlative Soil Production for	Weck	1,152 MT		rcent of contract c	_	42.1%
Total Soil production for contr	act			ns Ahead or Behin		1,581 MT
Since 6 Sep		40,468 MT	Da	ys ahead or behin	d schedule	5 days
Since 6 Aug	g 93	42,059 MT				
Total Soil production for proje	ect	68,345 MT				-

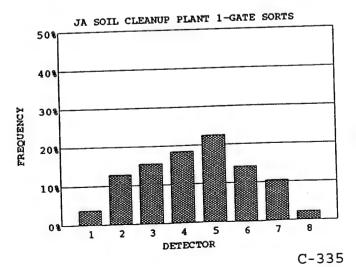
File Report1 Printed on 03-May-94 at 07:56:06 AM C-333

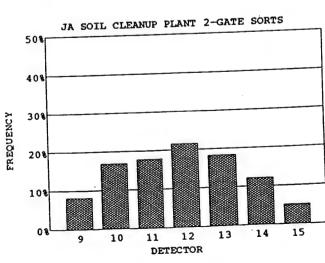
MT = metric tons

SORTI	₹R 1							Apr-94		
OKII		RTER SOIL D	ENSITY	1.20 tons	/m³	ВА	CKGROUND		.66 :	
SOIL		KILKSOILE	<u></u>		CONTAMI	NATED	CLEAN		OTA	
	ASS TOTA	T			31.1 to	ons	31.5 tons	6	2.7 t	ons
	AXIMUM/				58.1 k	g	55.9 kg			
_	AINIMUM/S				0.7 k	g	36.3 kg	4	07.	
V	OLUMEIN	-GROUND			24.7 y		25.0 yd <sup>3</sup>	4	9.7 y	/u²
W	VEIGHT RE	COVERY (CL	EAN/(HOT	+CLEAN))		50.3%				
ACTIV	TTY							+ PARTICLE		
10					PARTI		НОТ	CLE		·Da
Т	TATO				67,694 k	•	46,582 kBq	0,3	10 I 19 I	-
N	AXIMUM/	SORT			6,561 k	•	4,357 kBq (15,686)Bq	_	16 1	•
	AINIMUM/S				2 k	Rd	1,496 Bq/kg			Bq/kg
	PECIFIC A	CTIVITY					1,490 Dq/kg			
SORTS	S							IINI	7XP	PAUSE
	0-SEC PR	OCESS PERIO	DS		- 0	600	1,121	TIM		TIME
		L 80 ELEMEN			)=0)	522			:20	09:13
	NO	NE (AD=0 &	MD=0 & M	(ND>0)		47		12		10:27
	SC	ME (AD>0&0	<md<mn< td=""><td>Dmax&amp;MND</td><td><mndmax)< td=""><td>552</td><td></td><td></td><td></td><td>10:52</td></mndmax)<></td></md<mn<>	Dmax&MND	<mndmax)< td=""><td>552</td><td></td><td></td><td></td><td>10:52</td></mndmax)<>	552				10:52
	Uì	NEXPLAINED	RECORDS	MD+ C	0					12:16
			AD<1kBq &		0					
			=0 & MD>		1					
			<0 & MD >	•0	•		11,210			
2		INT PERIODS SEC RECORI		ORTS		2,499				
	2-	SEC RECORI	OHTIW 20	JT SORTS		8,711				
7	-2 POTAL PD <i>(</i>	CESS RECOR	2DS (2-s SC	ORTS and 20	-s PERIODS)		3,620			
	MONPROCI	ESSING RECO	RDS (Test,	calibration, et	ic)		I			
		TDETECTOR					_	0.000		
-		DET	1,817	72.71%	_	DET	7	0.28% 0.00%		
	21	DET	549	21.97%		DET	0	0.00%		
	31	DET	107	4.28%		DET	0 0	0.00%		
		DET	19	0.76%		BDET	U	0.0070		
	AVERAGE	TIME BETWE	EN 2-SEC	SORTS	12.3 s	ec				
<b>FREQ</b>	UENCY	DISTRI	BUTTON	12			A COTE D	NUM		FREQ9
	ESORTS		ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	(#)		I KLDQ,
	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	0.50%	(kBq) 4	171		6.8%
1	47	3.8%	-14000	3	-250 215	0.5% 0.7%	8	1,223		48.9%
2	161	12.9%	-12000	4	-215 -179	0.7%	12	417		16.7%
3	195	15.6%	-10000	4	-179 -143	0.7%	16	216		8.6%
4	232	18.5%	-8000	2 6	-107	1.0%	20	111		4.4%
5	281	22.4%	-6000 -4000	8	-72	1.3%	24	63		2.5%
	178	14.2%	-4000 -2000	1	-36	0.2%	28	43		1.7%
6	424							34		1.4%
7	131	10.5%			0	0.3%	32			0.8%
7	27	2.2%	0	2		0.3% 0.8%	32 36	21		
7			0 2000		0	0.8% 0.7%	36 40	21 23		
7 8 TOTAL	1,252		0	2 5	0 36 72 107	0.8% 0.7% 1.8%	36 40 44	21 23 17		0.7%
7 8 TOTAL	27 1,252 E SORTS		0 2000 4000	2 5 4 11 38	0 36 72 107 143	0.8% 0.7% 1.8% 6.3%	36 40 44 48	21 23 17 12		0.7% 0.5%
7 8 TOTAL 2-GATI	1,252	2.2%	0 2000 4000 6000 8000 10000	2 5 4 11 38 80	0 36 72 107 143 179	0.8% 0.7% 1.8% 6.3% 13.3%	36 40 44 48 52	21 23 17 12 12		0.7% 0.5% 0.5%
7 8 TOTAL 2-GATI DET	1,252 E SORTS SORTS	2.2% FREQ%	0 2000 4000 6000 8000 10000 12000	2 5 4 11 38 80 91	0 36 72 107 143 179 215	0.8% 0.7% 1.8% 6.3% 13.3% 15.2%	36 40 44 48 52 56	21 23 17 12 12		0.7% 0.5% 0.5% 0.7%
7 8 TOTAL 2-GATI DET 9	27 1,252 E SORTS SORTS 102	2.2% FREQ% 8.2% 16.9% 17.8%	0 2000 4000 6000 8000 10000 12000 14000	2 5 4 11 38 80 91	0 36 72 107 143 179 215 250	0.8% 0.7% 1.8% 6.3% 13.3% 15.2% 21.3%	36 40 44 48 52 56	21 23 17 12 12 18		0.7% 0.5% 0.5% 0.7% 0.4%
7 8 TOTAL 2-GATI DET 9 10	27 1,252 E SORTS SORTS 102 211	2.2% FREQ% 8.2% 16.9% 17.8% 21.5%	0 2000 4000 6000 8000 10000 12000 14000	2 5 4 11 38 80 91 128 106	0 36 72 107 143 179 215 250 286	0.8% 0.7% 1.8% 6.3% 13.3% 15.2% 21.3% 17.7%	36 40 44 48 52 56 60 64	21 23 17 12 12 18 10 6		0.7% 0.5% 0.5% 0.7% 0.4% 0.2%
7 8 TOTAL 2-GATI DET 9 10	27 1,252 E SORTS SORTS 102 211 222	2.2% FREQ% 8.2% 16.9% 17.8% 21.5% 18.4%	0 2000 4000 6000 8000 10000 12000 14000 18000	2 5 4 11 38 80 91 128 106 92	0 36 72 107 143 179 215 250 286 322	0.8% 0.7% 1.8% 6.3% 13.3% 15.2% 21.3% 17.7%	36 40 44 48 52 56 60 64	21 23 17 12 12 18 10 6		0.7% 0.5% 0.5% 0.7% 0.4% 0.2%
7 8 TOTAL 2-GATI DET 9 10 11	27 1,252 E SORTS SORTS 102 211 222 268	2.2% FREQ% 8.2% 16.9% 17.8% 21.5% 18.4% 12.2%	0 2000 4000 6000 8000 10000 12000 14000 16000 18000 20000	2 5 4 11 38 80 91 128 106 92	0 36 72 107 143 179 215 250 286 322 358	0.8% 0.7% 1.8% 6.3% 13.3% 15.2% 21.3% 17.7% 15.3% 2.5%	36 40 44 48 52 56 60 64 68 72	21 23 17 12 12 18 10 6 6		0.7% 0.5% 0.5% 0.7% 0.4% 0.2% 0.2%
7 8 TOTAL 2-GATI DET 9 10 11 12 13	27 1,252 E SORTS SORTS 102 211 222 268 229	2.2% FREQ% 8.2% 16.9% 17.8% 21.5% 18.4%	0 2000 4000 6000 8000 10000 12000 14000 16000 18000 20000	2 5 4 11 38 80 91 128 106 92 15	0 36 72 107 143 179 215 250 286 322 358 394	0.8% 0.7% 1.8% 6.3% 13.3% 15.2% 21.3% 17.7% 15.3% 2.5% 0.0%	36 40 44 48 52 56 60 64 68 72	21 23 17 12 12 18 10 6 6 9		0.7% 0.5% 0.5% 0.7% 0.4% 0.2% 0.4% 0.1%
7 8 TOTAL 2-GATI DET 9 10 11 12 13 14	27 1,252 E SORTS SORTS 102 211 222 268 229 152	2.2% FREQ% 8.2% 16.9% 17.8% 21.5% 18.4% 12.2%	0 2000 4000 6000 8000 10000 12000 14000 16000 18000 20000 22000 24000	2 5 4 11 38 80 91 128 106 92 15 0	0 36 72 107 143 179 215 250 286 322 358 394 429	0.8% 0.7% 1.8% 6.3% 13.3% 15.2% 21.3% 17.7% 15.3% 2.5% 0.0%	36 40 44 48 52 56 60 64 68 72 76	21 23 17 12 12 18 10 6 6 9 3		0.7% 0.5% 0.5% 0.7% 0.4% 0.2% 0.4% 0.1% 0.3%
7 8 TOTAL 2-GATI DET 9 10 11 12 13 14	27 1,252 E SORTS SORTS 102 211 222 268 229 152 63	2.2% FREQ% 8.2% 16.9% 17.8% 21.5% 18.4% 12.2%	0 2000 4000 6000 8000 10000 12000 14000 16000 20000 22000 24000 26000	2 5 4 11 38 80 91 128 106 92 15 0	0 36 72 107 143 179 215 250 286 322 358 394 429	0.8% 0.7% 1.8% 6.3% 13.3% 15.2% 21.3% 17.7% 15.3% 2.5% 0.0% 0.0%	36 40 44 48 52 56 60 64 68 72 76 80	21 23 17 12 12 18 10 6 6 9 3 8		0.9% 0.7% 0.5% 0.5% 0.7% 0.4% 0.2% 0.4% 0.1% 0.3% 0.0%
7 8 TOTAL 2-GATI DET 9 10 11 12 13	27 1,252 E SORTS SORTS 102 211 222 268 229 152 63	2.2% FREQ% 8.2% 16.9% 17.8% 21.5% 18.4% 12.2%	0 2000 4000 6000 8000 10000 12000 14000 16000 18000 20000 22000 24000	2 5 4 11 38 80 91 128 106 92 15 0	0 36 72 107 143 179 215 250 286 322 358 394 429	0.8% 0.7% 1.8% 6.3% 13.3% 15.2% 21.3% 17.7% 15.3% 2.5% 0.0%	36 40 44 48 52 56 60 64 68 72 76	21 23 17 12 12 18 10 6 6 9 3		0.7% 0.5% 0.5% 0.7% 0.4% 0.2% 0.4% 0.1% 0.3%

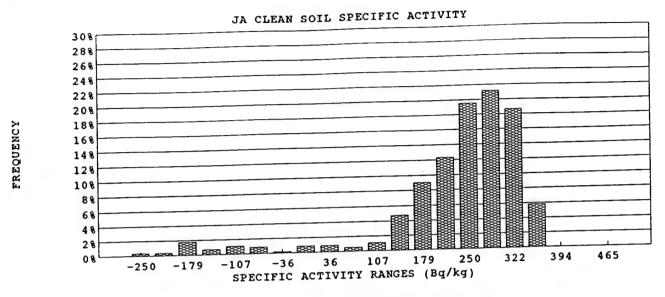


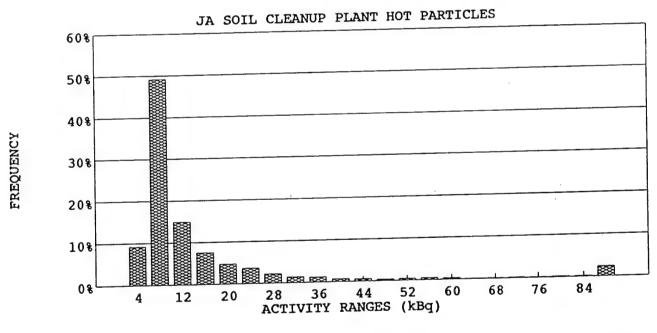


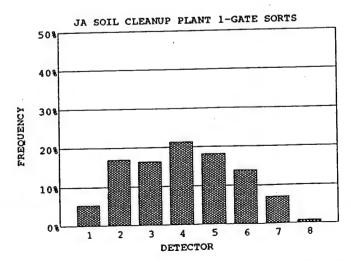


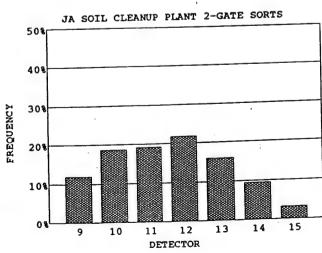


ORTE	2D 2						30-4	Apr-94	
ORIE		RTER SOIL D	DENCITY	1.20 ton	s/m³	ВА	CKGROUND	0.7	6 ± 0.04
OTT	30	K IEK SOIL L	JENSI I	ribo ton	CONTAMI	NATED	CLEAN	TO	TAL
OIL					32.8 to		29.5 tons	62.	3 tons
-	IASS TOTA				58.1 k		55.9 kg		
	IAXIMUM				0.7 k	•	45.4 kg		
_	INIMUM/				26.0 y	•	23.3 yd³	49.	.4 yd³
V	OLUME II	-GROUND		CLOT EANIN	-	47.3%	•		
		ECOVERY (C	LEAN/(HUI	+CLEAN))			DISPERSED	+ PARTICLE	
CTIV	TTY						HOT	CLEA	N
					PARTI		38,730 kBq		18 kBq
Т	OTAL				48,892 k	_	3,383 kBq		0 kBq
N	<b>MUMIXAM</b>	SORT			6,316 k	-	(30,889)Bq		5 kBq
N	INIMUM/	SORT			2 k	твd	1,180 Bq/kg		8 Bq/kg
S	PECIFIC A	CTIVITY					1,100 Bq/kg		
ORTS	S							TIME	XP PAUSE
		OCESS PERIO	DDS				1,114		
2	Al	L 80 ELEMEI	NTS SORT	MD>0&MN	ID=0)	566		TIMI	
	N	ONE (AD=0&	MD=0&M	(ND>0)		73		12:2	10:27
	SC	ME(AD>0&	0 <md<mn< td=""><td>Dmax&amp;MNI</td><td>D<mndmax)< td=""><td>475</td><td></td><td></td><td>10:27</td></mndmax)<></td></md<mn<>	Dmax&MNI	D <mndmax)< td=""><td>475</td><td></td><td></td><td>10:27</td></mndmax)<>	475			10:27
	111	NEXPLAINE	RECORDS		0				
	01	0<	AD<1kBq &	kMD>0	0				12:16
			D=0 & MD>		0				
			D<0 & MD >		1				
^	_ 920 001	INT PERIODS					11,140		
2	2-350-000	-SEC RECOR	DS WITH SO	ORTS		2,474			
	2-	SEC RECOR	DEWITHOU	IT SORTS		8,666			
_	-2- -2	SEC RECOR	DDS (2-s S(	ORTS and 20	-s PERIODS	)	3,588		
1	OTALPRO	ESSING RECO	DDS (Test	calibration e	etc)	,	5		
1	NONPROC	ESSING RECU	DC TOSS	Canoration, c	,,				
2		TDETECTO	1,784	72.11%	4	DET	4	0.16%	
	_	DET	545	22.03%		DET	0	0.00%	
		DET	118	4.77%		DET	0	0.00%	
		DET	23	0.93%		BDET	0	0.00%	
	4.	DET TIME BETWI			12.5				
	AVERAGE	IMEBELWI	DI TTION	IC					
REQ	UENC	DISTRI	BOTION	(O	CDEC A	ED EOW	ACT P	NUM	FREQ9
I-GATI	ESORTS		ACT_ND	NUM	SPEC_A	FKEQ70	(kBq)	(#)	
DET	SORTS	FREQ%	(Bq)	(#)	(Bq/kg)	0.4%	(kDq) 4	227	9.2%
1	65	5.4%	-14000	2	-250			1,216	49.2%
2	205	17.0%	-12000	2	-215	0.4%	8 12	371	15.0%
3	198	16.4%	-10000	10	-179	1.8%	16	186	7.5%
4	257	21.3%	-8000	4	-143	0.7%		117	4.7%
5	219	18.2%	-6000	6	-107	1.1%	20	90	3.6%
6	168	13.9%	-4000	5	-72	0.9%	24	90 54	2.2%
7	84	7.0%	-2000	1	-36	0.2%	28	33	1.3%
8	9	0.7%	. 0	5	0	0.9%	32	33 29	1.2%
OTAL	1,205		2000	5	36	0.9%	36		0.6%
			4000	3	72	0.5%	40	16	0.6%
2-GAT	ESORTS		6000	6	107	1.1%	44	14	0.0%
DET	SORTS	FREQ%	8000	26	143	4.7%	48	8	0.3%
9	151	11.9%	10000	50	179	9.0%	52	10	0.4%
10	237	18.7%	12000	68	215	12.3%	56	12	0.5%
11	243	19.1%	14000	108	250	19.5%	60	9	
12	276	21.7%	16000	117	286	21.2%	64	3	0.1%
13	202	15.9%	18000	103	322	18.6%	68	3	0.1%
13	120	9.5%	20000	32	358	5.8%	72	5	0.2%
	40	3.2%	22000	0	394	0.0%	76	3	0.1%
15		3.270	24000	0	429	0.0%	80	5	0.2%
~~~ "	1,269		26000	0	465	0.0%	84	5	0.2%
TOTAL									
TOTAL					0	0.0%	>84	58	2.3%
TOTAL			>28000 TOTAL	553		0.0%	>84 TOTAL	<u>58</u> 2,474	2.3%





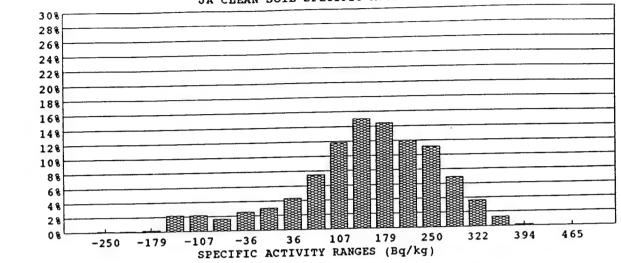




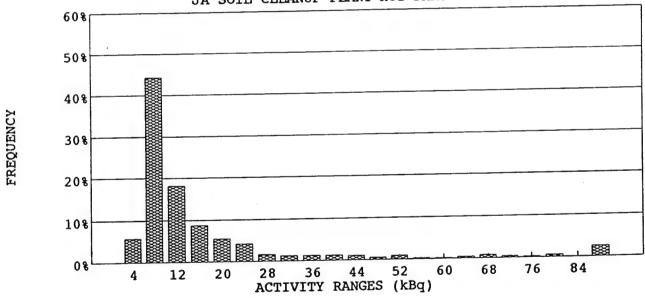
SORTER	3						30	-Apr-94	
OCKIEK		RTER SOIL D	ENSITY	1.20 tons	s/m³		ACKGROUND		0.63 ± 0.04 c/
SOIL	50.	CILICOIL D			CONTAM	NATED	CLEAN		66.5 tons
	S TOTA	L			1.5 t		65.0 tons	•	SILOJ C.OL
:	IMUM/S				55.9 k	g	55.9 kg		
	MUM/S				0.7 k		48.9 kg		52.7 yd³
		-GROUND			1.2 y	d <sup>3</sup>	51.6 yd <sup>3</sup>	•	52.7 ya-
WEIG	HTRE	COVERY (CI	EAN/(HOT	+CLEAN))		97.8%			
ACTIVIT							DISPERS	ED + PARTICL	E
ACTIVII	1				PART	CLE	HOT	CLI	EAN
					13,407 k		5,580 kBq	8,	,692 kBq
TOTA					484 1		298 kBq		20 kBq
	IMUM/					Bq.	0 Bq		-15 kBq
	MUM/S				J .		3,784 Bq/kg	g	134 Bq/kg
	IFIC AC	TIVITY							
SORTS							1 100	IIN	EXP PAUSE
20-S	EC PRO	CESS PERIO	DS			^	1,190		ME TIME
	AL	L 80 ELEMEN	TS SORT (	MD>0&MN	D=0)	9		= -	8:46 10:33
	NO	NE (AD=0&	MD=0 & M	ND>0)		581			10:59
	SO	ME(AD>0&0	O <md<mn< td=""><td>Dmax&amp;MNI</td><td>O<mndmax)< td=""><td>600</td><td></td><td></td><td></td></mndmax)<></td></md<mn<>	Dmax&MNI	O <mndmax)< td=""><td>600</td><td></td><td></td><td></td></mndmax)<>	600			
	UN	EXPLAINED	RECORDS		0				
			AD<1kBq &		1				
		ΑĽ	)=0 & MD>	0	0				
		AΓ	> 0 & MD	•0	0		14 000		
2-SE	C COU	NT PERIODS	3				11,900		
	2-	SEC RECORI	DS WITH SO	ORTS		730			
	2-	SEC RECORI	DS WITHOU	JT SORTS		11,170			
TOT	AL PRO	CESS RECOR	RDS (2-s SC	RTS and 20	-s PERIODS	)	1,920		
NON	PROCE	SSING RECO	RDS (Test,	calibration, e	tc)		5		
2-SF	EC SOR	T DETECTOR	RS .					0.440	
-		ET	532	72.88%	-	DET	1	0.14%	
		ET	166	22.74%	•	6 DET	0	0.00%	
		ET	29	3.97%	•	7 DET	0	0.00%	
		ET	2	0.27%		BDET	0	0.00%	
AVE		TIME BETWE	EN 2-SEC	SORTS	44.7 :	sec			
FREQUE	NCV	DISTRI	BITTION	IS					
		DISTRI	ACT_ND	NUM	SPEC_A	FREO%	ACT P	NUM	FREQ%
1-GATE SO		rn row	-	(#)	(Bq/kg)		(kBq)	(#)	
DET SO		FREQ%	(Bq) -14000	1	-250	0.1%	4	42	5.8%
1	3	0.8%		1	-215		8	324	44.4%
2	18	4.8%	-12000 10000	2	-179	0.2%	12	132	18.1%
3	47	12.5%	-10000 -8000	26	-143	2.2%	16	64	8.8%
4	57	15.2%		26	-107	2.2%	20	40	5.5%
5	73	19.4%	-6000 -4000	19	-72	1.6%	24	31	4.2%
6	88	23.4%		30	-36	2.5%	28	12	1.6%
7	71	18.9%	-2000	36	0	3.0%	32	9	1.2%
8	19	5.1%	2000	51	36	4.3%	36	9	1.2%
TOTAL	376		2000	89	72	7.5%	40	9	1.2%
			4000		107	11.8%	44	8	1.1%
2-GATE SO			. 6000	140	143	15.0%	48	4	0.5%
DET SO		FREQ%	8000	178	179	14.4%	52	7	1.0%
9	6	1.7%	10000	171	215	12.0%	. 56	2	0.3%
10	29	8.2%	12000	142	250	11.1%	60	1	0.1%
11	56	15.8%	14000	132	286	6.9%	64	3	0.4%
12	62	17.5%	16000	82		3.6%	68	6	0.8%
13	75	21.2%	18000	43	322	3.6% 1.3%	72	3	0.4%
14	<b>7</b> 9	22.3%	20000	15	358	0.2%	76	2	0.3%
15	47	13.3%	22000	2	394		80	4	0.5%
TOTAL TOTAL	354		24000	0	429	0.0%	80 84	0	0.0%
			26000	0	465	0.0%	>84 >84	18	2.5%
			>28000	0	0	0.0%		730	
			TOTAL	1,186		DICE	TOTAL	730	
EVENT TYPE		HPE	_726	MPE	675	DISE	707		

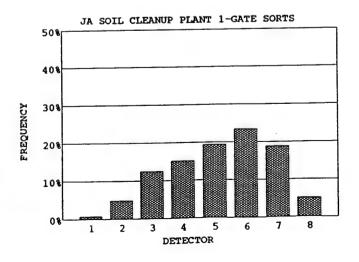
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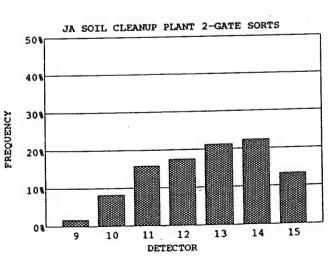




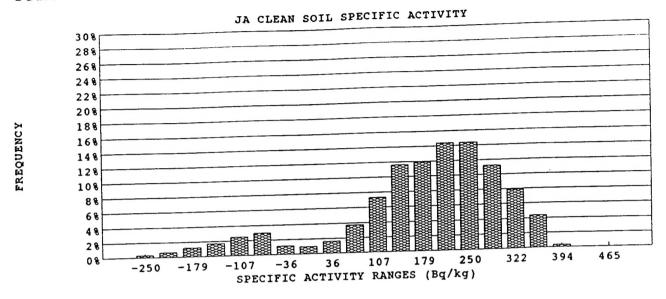
# JA SOIL CLEANUP PLANT HOT PARTICLES

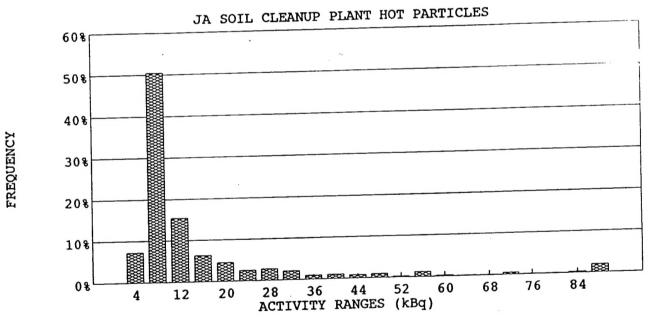


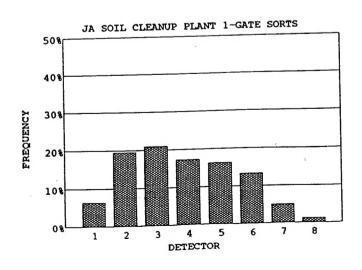


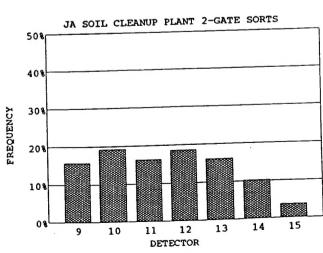


ODTED	1							Apr-94	0.00
ORTER	4 501	RTER SOIL DE	NSITY	1.20 tons/n	n <sup>3</sup>	BAG	CKGROUND		0.03 c/
	301	(TEX SOIL DI	113111		CONTAMI	NATED	CLEAN	TOTA	
OIL					3.6 to		59.0 tons	62.6 t	ons
	IATOT 8				58.1 kg		55.9 kg		
	IMUM/S				0.7 kg	-	51.0 kg		
	MUM/S				2.9 y		46.8 yd3	49.6 y	d³
VOL	UMEIN	-GROUND COVERY (CL	EAN//HOT	+CI EAN))	•	94.2%			
		COVERT	MINITOI	, (422-2-))			DISPERSE	) + PARTICLE	
CTIVIT	Y				PARTI	C E	нот	CLEAN	
					10,691 k		5,706 kBq	9,676 k	:Bq
TOT					251 k	-	160 kBq	20 k	:Bq
	IMUM/S				3 k	-	0 Bq	-16	:Bq
	MUM/S				J K	ьч	1,576 Bq/kg	164 1	3q/kg
SPEC	CIFIC AC	TIVITY							
SORTS							4 400	UNEXP	PAUSE
	EC PRO	CESS PERIO	os				1,120	TIME	TIME
20 .	AL	L 80 ELEMEN	TS SORT (N	AD>0&MND	=0)	48		07:14	07:50
	210	ATT CATION OF	MD-08 M	ND>0)		500		08:10	08:13
	SO	ME(AD=0&0 ME(AD>0&0	<md<mni< td=""><td>Omax&amp;MND</td><td><mndmax)< td=""><td>572</td><td></td><td>08:17</td><td>08:42</td></mndmax)<></td></md<mni<>	Omax&MND	<mndmax)< td=""><td>572</td><td></td><td>08:17</td><td>08:42</td></mndmax)<>	572		08:17	08:42
	IIN	EXPLAINED	RECORDS		U			09:10	08:45
		0 </td <td>D&lt;1kBq &amp;</td> <td>MD&gt;0</td> <td>4</td> <td></td> <td></td> <td>10:09</td> <td>08:51</td>	D<1kBq &	MD>0	4			10:09	08:51
			=0 & MD>		2			11:53	09:06
			<0 & MD >		0		44.000	12:40	09:56
2_8	EC COU	NT PERIODS					11,200	12.40	09:59
2-3	2-	SEC RECORD	S WITH SC	RTS		759			10:05
	2_	SEC RECORD	S WITHOU	JT SORTS		10,441			10:42
TOT	AL DDC	CESS RECOR	DS (2-s SC	RTS and 20-	s PERIODS	)	1,879		10:59
NO	YE I KO	SSING RECO	RDS (Test, o	alibration, etc	;)		5		10.55
25	EC SUB,	T DETECTOR	S				_	0.120	
2-3		EL	572	75.36%	:	DET	1	0.13%	
		ET	164	21.61%	•	6 DET	0	0.00%	
		ET	20	2.64%	•	7 DET	0	0.00%	
		DET	2	0.26%		8 DET	0	0.00%	
AVI	RAGE'	TIME BETWE	EN 2-SEC	SORTS	39.2	sec			
EDEOIL	ENICY	DISTRIE	RITION	IS					-mr0#
FREQUI	DIVC I	DIOTICIE	ACT_ND	NUM	SPEC_A	FREQ%	ACT_P	NUM	FREQ%
1-GATES		EDEO#	(Bq)	(#)	(Bq/kg)		(kBq)	(#)	<b>500</b>
DET SO		FREQ%	-14000	3	-250	0.3%	4	55	7.2%
1		6.4%	-12000	7	-215	0.6%	8	383	50.5%
2	79	19.5%	-10000	13	-179	1.2%	12	117	15.4%
3	85	21.0%	-8000	18	-143	1.7%	16	48	6.3%
4	70	17.3%	-6000	27	-107	2.5%	20	34	4.5%
5	66	16.3%	-4000	32	-72	3.0%	24	19	2.5%
6	54	13.3%	-2000	12	-36	1.1%	28	21	2.8%
7	20	4.9%	-2000	10	0	0.9%	32	16	2.1%
8	5	1.2%	2000	17	36	1.6%	36	7	0.9%
TOTAL	405		4000	40	72	3.7%	40	8	1.1%
			6000	79	107	7.3%	44	6	0.8%
2-GATES		EDEO.	8000	125	143	11.6%	48	7	0.9%
	ORTS	FREQ%	10000	128	179	11.9%	52	2	0.3%
9	56	15.8%	12000	155	215	14.4%	56	9	1.2%
10	68	19.2%	14000	155	250		60	2	0.3%
11	58	16.4%	16000	121	286		64	1	0.1%
12	66	18.6%	18000	85	322		68	1	0.1%
13	57	16.1%	20000	47	358		72	4	0.5%
14	36	10.2%		3	394		76	1	0.1%
15	13	3.7%	22000	0	429		80	. 1	0.1%
TOTAL	354		24000	0	465		84	2	0.3%
			26000	0	0		>84	15	2.0%
			>28000	1,077	·		TOTAL	759	
I .			TOTAL	1,077	609	DISE	3,801		









## APPENDIX D

# ACRONYMS AND SYMBOLS

AC	_	Cumulative activity present in soil which was found
AC		to meet the release criteria
ACT ND	_	Activity Not Diverted
ACT_ND ACT_P	_	Activity Plutonium
		Total activity diverted - due to distributed
AH	_	contamination present in the soil in excess of 500
		Bq/kg As Low As Reasonable Achievable
ALARA	-	Total activity diverted - due to particles present
AP	-	Total activity diverted - due to particles process
		in the soil which exceeded 5,000 Bq
BKG	-	Background
Bq	-	Bequerels
CFM	-	Cubic Feet Per Minute
cpm	_	Counts Per Minute
DISE	_	Distributed Event
DNA	_	Defense Nuclear Agency
dps	_	Disintegrations Per Second
FCJ	_	Field Command, Johnston Atoll
FIDLER		Field Instrument for Detection of Low Energy
FIDHER	_	Radiation
****		Hot Particle Event
HPE	-	Johnston Atoll
JA	-	Kilo Electron Volts
KeV	-	
kg	-	Kilogram
LE-1	-	Launch Emplacement One
LE-2	-	Launch Emplacement Two
ml	-	Milliliter
MPE	-	Multiple Particle Event
mt	-	Metric Tons
PHA	-	Pulse Height Amplitude
PPE	-	Personal Protective Equipment
QC	-	Quality Control
RCA	-	Radiologically Controlled Area
RSN	-	Raytheon Services Nevada
SA	-	Specific Activity, Bequerels Per Kilogram
SH	_	Sorter-Hours
SPEC_A	_	Specific Activity
TRU	_	Transuranic
WR	_	Percent Weight Reduction
WS1	_	Weigh Scale. Unit 1 & 2 Grizzly Feed Belt
WS2	_	Weigh Scale, Unit 1 & 2 Sorter Feed Belt
	_	Weigh Scale. Unit 1 & 2 Clean Soil Belt
WS3	_	Weigh Scale Unit 1 & 2 Diverted Soil Belt
WS4	_	Weigh Scale, Unit 3 & 4 Sorter Feed Belt
WS5	-	Weigh Scale, Unit 3 & 4 Clean Soil Belt
WS6	-	Weigh Scale, Unit 3 & 4 Diverted Soil Belt
WS7	-	Weigh Scale, Wet-End Feed Belt
WS8	-	weigh Scale, wet-blid reed belt

## APPENDIX E

## **DEFINITIONS**

Authorized Delay	-	Time during the normal 60 hour work specified in the contract in which soil processing is not accomplished due to circumstances beyond the control of the contractor, as approved by DNA.
		These include, but are not limited to:
		Inclement weather, Plant modifications requested by DNA, Plant testing required by DNA, and Lack of government furnished equipment or services as specified in the contract.
Becquerel	-	A unit in the International System of Units (SI) for the measurement of radioactivity equivalent to one Transformation Per Second.
Clean Soil	-	Soil which has been verified to contain less than 500 Bq/kg total TRU activity averaged over .1 $\rm m^3$ of soil and no discrete radioactive particle of 5000 Bq or more.
Down-Time	-	Time during the normal 60 hour work week specified in the contract in which soil processing is not accomplished due to plant maintenance or repair. Normal start-up and shut-down and Authorized Delay Time does not count as Down-Time. The contract requires that Down-Time be maintained less than 40%.
Hot Particle	-	An individual particle whose activity level is 5000 Bq or greater.
Transuranic	-	Element with an atomic number higher than that of Uranium (e.g. Plutonium, Americium).
2-Second Sort Detection	-	When a hot particle passes underneath a detector, the detector generates a signal to the computer, which in turn activates one of the eight diversion chutes for two seconds, as required by the Segmented Gate System.

#### **DISTRIBUTION LIST**

#### DSWA-TR-95-100

#### **DEPARTMENT OF DEFENSE**

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2 CY ATTN: ISST

ATTN: JOHN EDDY

DEFENSE TECHNICAL INFORMATION CENTER

2 CY ATTN: DTIC/OCP

FIELD COMMAND DEFENSE SPECIAL WEAPONS AGENCY

ATTN: MAJ JOSEPH KIMBRELL

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#### **DEPARTMENT OF ENERGY**

DEPARTMENT OF ENERGY ATTN: JOHN MATHER OAKRIDGE NATIONAL LABORATORY ATTN: MARY J WILSON-NICHOLS

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